SEQUENCE LISTING

<110> Braun et al. <120> METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS <130> 24736-2033 <140> Not Yet Assigned <141> 2000-10-13 <150> 60/217,658 <151> 2000-07-10 <150> 60/159,176 <151> 1999-10-13 <150> 60/217,251 <151> 2000-07-10 <150> 09/663,968 <151> 2000-09-19 <160> 118 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 361 <212> DNA <213> Homo Sapien <400> 1 60 ctgaggacct ggtcctctga ctgctctttt cacccatcta cagtccccct tgccgtccca 120 agcaatggat gatttgatgc tgtccccgga cgatattgaa caatggttca ctgaagaccc 180 aggtccagat gaageteeca gaatgecaga ggetgeteee egegtggeee etgeaceage 240 agetectaca eeggeggeee etgeaceage ecceteetgg eccetgteat ettetgteee ttcccagaaa acctaccagg gcagctacgg tttccgtctg ggcttcttgc attctgggac 300 agccaagtct gtgacttgca cggtcagttg ccctgagggg ctggcttcca tgagacttca 360 361 <210> 2 <211> 44 <212> DNA <213> Artificial Sequence <220> <223> Oligonucleotide Primer cccagtcacg acgttgtaaa acgctgagga cctggtcctc tgac 44 <210> 3 <211> 42 <212> DNA <213> Artificial Sequence <223> Oligonucleotide Primer

<210> 4 <211> 17 42

agcggataac aatttcacac aggttgaagt ctcatggaag cc

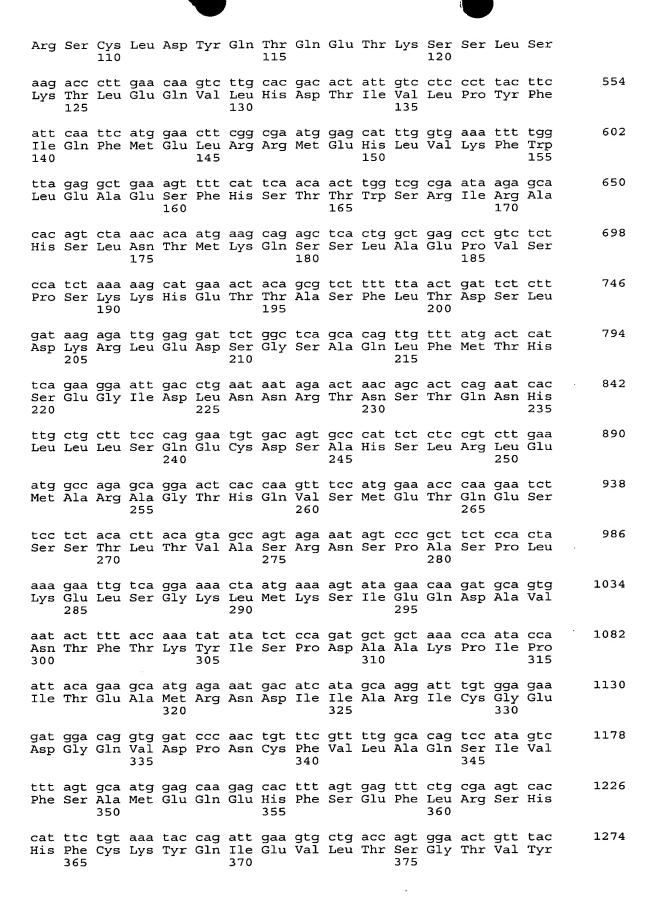
<212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 4 gccagaggct gctcccc	17
<210> 5 <211> 17 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 5 gccagaggct gctcccc	17
<210> 6 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 6 gccagaggct gctccccgc	19
<210> 7 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 7 gccagaggct gctcccc	18
<210> 8 <211> 161 <212> DNA <213> Homo Sapien	
<400> 8 gtccgtcaga acccatgcgg cagcaaggcc tgccgccgcc tcttcggccc agtggacagc gagcagctga gccgcgactg tgatgcgcta atggcgggct gcatccagga ggcccgtgag cgatggaact tcgactttgt caccgagaca ccactggagg g	60 120 161
<210> 9 <211> 43 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 9 cccagtcacg acgttgtaaa acggtccgtc agaacccatg cgg	43
<210> 10 <211> 44 <212> DNA <213> Artificial Sequence	

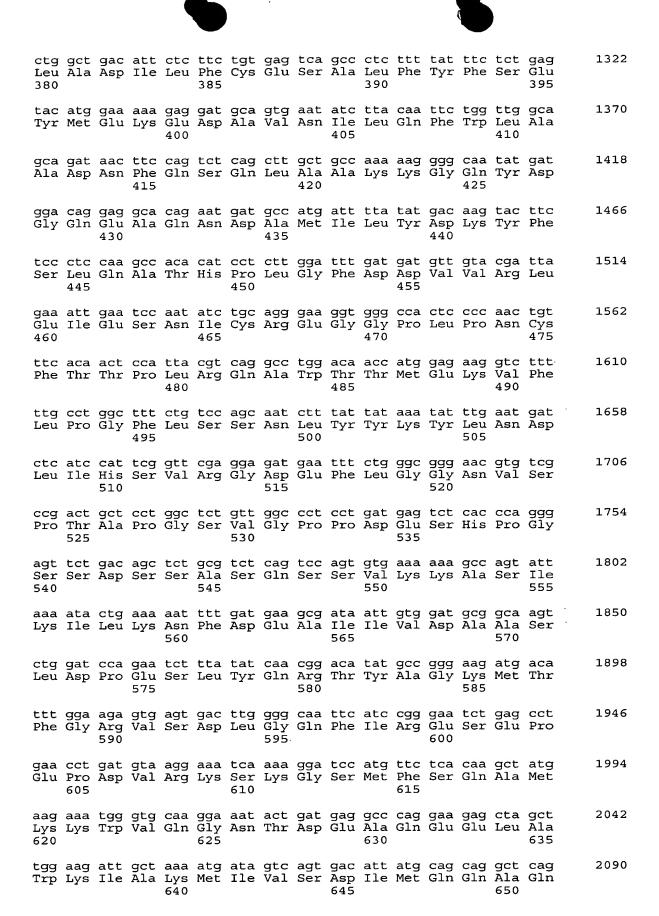
<220> <223> Oligonucleotide Primer	
<400> 10 agcggataac aatttcacac aggctccagt ggtgtctcgg tgac	44
<210> 11 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 11 cagcgagcag ctgag	15
<210> 12 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 12 cagcgagcag ctgag	15
<210> 13 <211> 16 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 13 cagcgagcag ctgagc	16
<210> 14 <211> 17 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 14 cagcgagcag ctgagac	17
<210> 15 <211> 205 <212> DNA <213> Homo Sapien	
<400> 15 gegeteeatt catetetea tegaetetet gttgaatgaa gaaaateeaa gtaaggeeta caggtgeagt teeaaggaag eetttgagaa agggetetge ttgagttgta gaaagaaceg etgeaacaat etgggetatg agateaataa agteagagee aaaagaagea geaaaatgta eetgaagaet egtteteaga tgeee	60 120 180 205
<210> 16 <211> 42 <212> DNA <213> Artificial Sequence	
<220>	

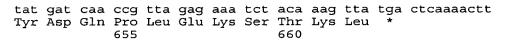
<223> Oligonucleotide Primers	•
<400> 16 cccagtcacg acgttgtaaa acggcgctcc attcatctct tc	42
<210> 17 <211> 42 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 17 ageggataac aattteacae agggggeate tgagaaegag te	42
<210> 18 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 18 caatctgggc tatgagatca	20
<210> 19 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 19 caatctgggc tatgagatca	20
<210> 20 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 20 caatctgggc tatgagatca a	21
<210> 21 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Probe	
<400> 21 caatctgggc tatgagatca gt	20
<210> 22 <211> 60 <212> DNA <213> Homo Sapien	
<220>	

<400> 2 gtgccgg	22 gcta ctcggatggc agcaaggact c	ctgcaaggg	ggacagtgga	ggcccacatg	60
<210> 2 <211> 6 <212> I <213> H	60				
<400> 2	23 acta coggggcacg tggtacctga c	gggcatcgt	cagctggggc	cagggctgcg	60
<210> 2 <211> 4 <212> I <213> F	42				
<220> <223> 0	Oligonucleotide primer				
<400> 2 cccagto	24 cacg acgttgtaaa acgatggcag ca	aaggactcc	tg		42
<210> 2 <211> 1 <212> E <213> A	18				
<220> <223> 0	Oligonucleotide primer				
<400> 2	25 ccac ccactacc				18
<210> 2 <211> 4 <212> D <213> A	43				
<220> <223> C	Oligonucleotide primer				
<400> 2 agcggat	26 taac aatttcacac aggtgacgat go	cccgtcagg	tac		43
<210> 2 <211> 1 <212> D <213> A	15				
<220> <223> F	Probe				
<400> 2 atgccac	27 ccca ctacc				15
<210> 2 <211> 1 <212> D <213> A	19				
<220> <223> P	Probe				
<400> 2 cacatgo	28 ccac ccactaccg				19
<210> 2	29				

<212	1 > 2 0 2 > D1 3 > A:	NA	icia	l Se	quen	ce										
<220 <220	0 > 3 > P:	robe														
	0> 2: atgc	9 cac (ccact	tacca	ag											20
<212	0 > 30 L > 20 2 > DI 3 > A	3 NA	icia:	l Sed	quen	ce										
<220 <223)> 3> P:	robe														
)> 30 ggata		aatti	tcaca	ac ag	39										23
<211 <212	0 > 3: L > 2: 2 > DI 3 > Ho	363	Sapie	en												
<222	L> CI 2> (:	DS 138) KAP-:		2126)								,			
	3> Ge	enBai 997-:			139						٠		r			
gcgg	ctcc	gtt g cgg a	aagaa	agggi tga a	tc co	agg 9	gga (agtgo ggg (cagc ccc 1	ggc tcc (ccct	etg (gacco cag t		60 120 170
ccc Pro	cgc Arg	acc Thr	ctc Leu 15	cgt Arg	ccc Pro	gac Asp	ccg Pro	ggc Gly 20	ccc Pro	gcc Ala	atg Met	tcc Ser	ttc Phe 25	ttc Phe	cgg Arg	218
cgg Arg	aaa Lys	gtg Val 30	aaa Lys	ggc Gly	aaa Lys	gaa Glu	caa Gln 35	gag Glu	aag Lys	acc Thr	tca Ser	gat Asp 40	gtg Val	aag Lys	tcc Ser	266
								tcc Ser								314
								cca Pro								362
								tca Ser								410
								gct Ala 100								458
aga	tct	tgt	ctg	gac	tac	cag	act	caa	gag	acc	aaa	tca	agc	ctt	tct	506







gagataaagg aaatctgctt gtgaaaaata agagaacttt tttcccttgg ttggattctt 2196 caacacagcc aatgaaaaca gcactatatt tctgatctgt cactgttgtt tccagggaga 2256 gaatggggag acaatcctag gacttccacc ctaatgcagt tacctgtagg gcataattgg 2316 atggcacatg atgtttcaca cagtgaggag tctttaaagg ttaccaa 2363

<210> 32 <211> 662 <212> PRT

<213> Homo Sapien

<400> 32 Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser Pro Arg Thr Leu Arg Pro Asp Pro Gly Pro Ala Met Ser Phe Phe Arg Arg Lys Val Lys Gly Lys Glu Gln Glu Lys Thr Ser Asp Val Lys Ser Ile Lys Ala Ser Ile Ser Val His Ser Pro Gln Lys Ser Thr Lys Asn His Ala Leu Leu Glu Ala Ala Gly Pro Ser His Val Ala Ile Asn Ala Ile Ser Ala Asn Met Asp Ser Phe Ser Ser Ser Arg Thr Ala Thr Leu Lys Lys Gln Pro Ser His Met Glu Ala Ala His Phe Gly Asp Leu Gly Arg Ser Cys Leu Asp Tyr Gln Thr Gln Glu Thr Lys Ser Ser Leu Ser Lys Thr Leu Glu Gln Val Leu His Asp Thr Ile Val Leu Pro Tyr Phe Ile Gln Phe Met Glu Leu Arg Arg Met Glu His Leu Val Lys Phe Trp Leu Glu Ala Glu Ser Phe His Ser Thr Thr Trp Ser Arg Ile Arg Ala His Ser Leu Asn Thr Met Lys Gln Ser Ser Leu Ala Glu Pro Val Ser Pro Ser Lys Lys His Glu Thr Thr Ala Ser Phe Leu Thr Asp Ser Leu Asp Lys Arg Leu Glu Asp Ser Gly Ser Ala Gln Leu Phe Met Thr His Ser Glu Gly Ile Asp Leu Asn Asn Arg Thr Asn Ser Thr Gln Asn His Leu Leu Leu Ser Gln Glu Cys Asp Ser Ala His Ser Leu Arg Leu Glu Met Ala Arg Ala Gly Thr His Gln Val Ser Met Glu Thr Gln Glu Ser Ser Thr Leu Thr Val Ala Ser Arg Asn Ser Pro Ala Ser Pro Leu Lys Glu Leu Ser Gly Lys Leu Met Lys Ser Ile Glu Gln Asp Ala Val Asn Thr Phe Thr Lys Tyr Ile Ser Pro Asp Ala Ala Lys Pro Ile Pro Ile Thr Glu Ala Met Arg Asn Asp Ile Ile Ala Arg Ile Cys Gly Glu Asp Gly Gln Val Asp Pro Asn Cys Phe Val Leu Ala Gln Ser Ile Val Phe Ser Ala Met Glu Gln Glu His Phe Ser Glu Phe Leu Arg Ser His His Phe Cys Lys Tyr Gln Ile Glu Val Leu Thr Ser Gly Thr Val Tyr Leu Ala Asp Ile Leu

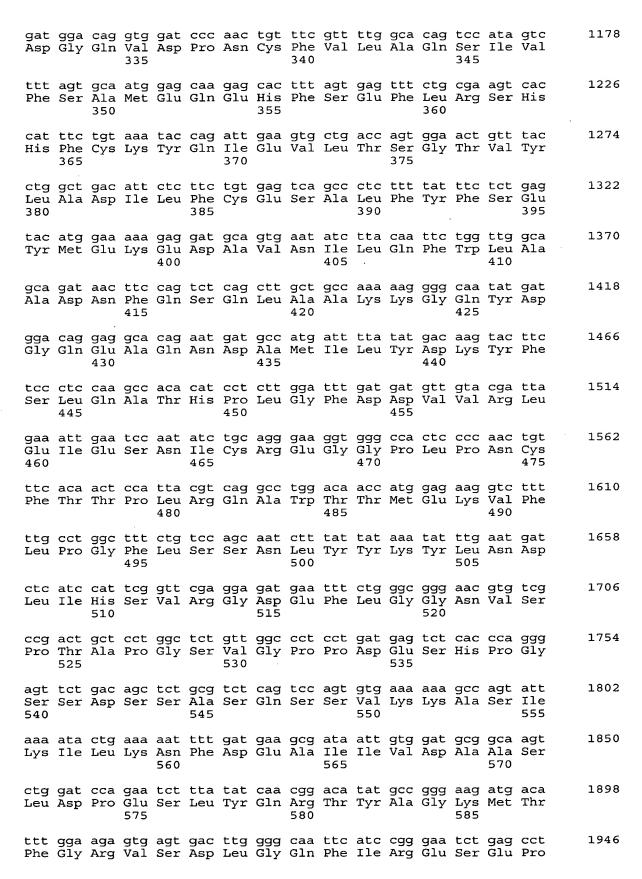
Phe Cys Glu Ser Ala Leu Phe Tyr Phe Ser Glu Tyr Met Glu Lys Glu

Asp Ala Val Asn Ile Leu Gln Phe Trp Leu Ala Ala Asp Asn Phe Gln

Ser	Gln	Len	בומ	405 Ala	Lve	Lve	Glv	Gln	410 Tyr	Agn	Glv	Gln	Glu	415. Ala		
			420		_	_	_	425	_	_			430			
		435					440					445	Gln			
His	Pro 450	Leu	Gly	Phe	Asp	Asp 455	Val	Val	Arg	Leu	Glu 460	Ile	Glu	Ser	Asn	
Ile 465	Cys	Arg	Glu	Gly	Gly 470	Pro	Leu	Pro	Asn	Cys 475	Phe	Thr	Thr	Pro	Leu 480	
	Gln	Ala	Trp	Thr 485		Met	Glu	Lys	Val 490	Phe	Leu	Pro	Gly	Phe 495	Leu	
Ser	Ser	Asn	Leu 500	Tyr	Tyr	Lys	Tyr	Leu 505		Asp	Leu	Ile	His 510		Val	
Arg	Gly	Asp 515		Phe	Leu	Gly	Gly 520		Val	Ser	Pro	Thr 525	Ala	Pro	Gly	
Ser			Pro	Pro	Asp			His	Pro	Gly			Asp	Ser	Ser	
	530 Ser	Gln	Ser	Ser		535 Lys	Lys	Ala	Ser		540 Lys	Ile	Leu	Lys		
545 Phe	Asp	Glu	Ala		550 Ile	Val	Asp	Ala		555 Ser	Leu	Asp	Pro		560 Ser	
Leu	Tyr	Gln		565 Thr	Tyr	Ala	Gly		570 Met	Thr	Phe	Gly	Arg	575 Val	Ser	
Asp	Leu	Gly	580 Gln	Phe	Ile	Arg	Glu	585 Ser	Glu	Pro	Glu	Pro	590 Asp	Val	Arg	
Lys	Ser	595 Lys	Gly	Ser	Met	Phe	600 Ser	Gln	Ala	Met	Lys	605 Lys	Trp	Val	Gln	
Gly	610 Asn	Thr	Asp	Glu	Ala	615 Gln	Glu	Glu	Leu	Ala	620 Trp	Lys	Ile	Ala	Lys	
625			-		630					635	_	_	Gln		640	
		Ser		645					650		_	-		655		
	_1 -		660													
)> 33 .> 23															
<212	2 > DN	JA.	:anie	'n									v			
		omo S	apre	511												
	.> CI															
		L38). (AP-1		2126)	1											
<221	.> al	llele	:													
	!> 20 !> Si)73 ingle	Nuc	leot	ide	Poly	morr	phism	n: A	to G	3					
<400)> 33	3														
															ggggc ggaag	60 120
				ga a	atg a	agg g	ga g	gcc g	gg c	cc t	cc c	cg c	gc d	ag t	cc	170
				•	1	 .9	, - , .		5					10		
													ttc			218
Pro	Arg	Inr	15	Arg	PIO	Asp	PIO	20 20	PIO	Ата	мес	ser	Phe 25	Pne	Arg	
													gtg			266
Arg						O 1	\sim 1 \sim	(71)	f **~						1:030	
	Lys	30	гàг	Gly	Lys	GIU	35	GIU	гуѕ	Thr	Ser	40	vaı	гля	ser	
att	aaa	30 gct	tca	ata	tcc	gta	35 cat	tcc	cca	caa	aaa	40 agc	act Thr	aaa	aat	314



cat His 60	gcc Ala	ttg Leu	ctg Leu	gag Glu	gct Ala 65	gca Ala	gga Gly	cca Pro	agt Ser	cat His 70	gtt Val	gca Ala	atc Ile	aat Asn	gcc Ala 75	362
att Ile	tct Ser	gcc Ala	aac Asn	atg Met 80	gac Asp	tcc Ser	ttt Phe	tca Ser	agt Ser 85	agc Ser	agg Arg	aca Thr	gcc Ala	aca Thr 90	ctt Leu	410
aag Lys	aag Lys	cag Gln	cca Pro 95	agc Ser	cac His	atg Met	gag Glu	gct Ala 100	gct Ala	cat His	ttt Phe	ggt Gly	gac Asp 105	ctg Leu	ggc Gly	458
aga Arg	tct Ser	tgt Cys 110	ctg Leu	gac Asp	tac Tyr	cag Gln	act Thr 115	caa Gln	gag Glu	acc Thr	aaa Lys	tca Ser 120	agc Ser	ctt Leu	tct Ser	506
				caa Gln												554
att Ile 140	caa Gln	ttc Phe	atg Met	gaa Glu	ctt Leu 145	cgg Arg	cga Arg	atg Met	gag Glu	cat His 150	ttg Leu	gtg Val	aaa Lys	ttt Phe	tgg Trp 155	602
				agt Ser 160												650
				aca Thr												698
				cat His												746
				gag Glu												794
tca Ser 220	gaa Glu	gga Gly	att Ile	gac Asp	ctg Leu 225	aat Asn	aat Asn	aga Arg	act Thr	aac Asn 230	agc Ser	act Thr	cag Gln	aat Asn	cac His 235	842
				cag Gln 240												890
				gga Gly												938
				aca Thr												986
				gga Gly												1034
				aaa Lys												1082
				atg Met 320												1130



590 595 600

								gga Gly								1994
								gat Asp								2042
								agt Ser								2090
								aca Thr 660				ctca	aaaa	ctt		2136
caac	aca9	gcc a gag a	aatga acaat	aaaa ccta	ca go ag ga	acta actt	atatt ccaco	t ct	gato	ctgt cagt	cact tacc	gttg	gtt t	ccag	attett gggaga aattgg	2256

<210> 34 <211> 662

<212> PRT

<213> Homo Sapien

<400> 34 Met Arg

Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser Pro Arg Thr Leu Arg Pro Asp Pro Gly Pro Ala Met Ser Phe Phe Arg Arg Lys Val Lys Gly Lys Glu Gln Glu Lys Thr Ser Asp Val Lys Ser Ile Lys Ala Ser Ile Ser Val His Ser Pro Gln Lys Ser Thr Lys Asn His Ala Leu Leu Glu Ala Ala Gly Pro Ser His Val Ala Ile Asn Ala Ile Ser Ala Asn Met Asp Ser Phe Ser Ser Ser Arg Thr Ala Thr Leu Lys Lys Gln Pro Ser His Met Glu Ala Ala His Phe Gly Asp Leu Gly Arg Ser Cys Leu Asp Tyr Gln Thr Gln Glu Thr Lys Ser Ser Leu Ser Lys Thr Leu Glu Gln Val Leu His Asp Thr Ile Val Leu Pro Tyr Phe Ile Gln Phe Met Glu Leu Arg Arg Met Glu His Leu Val Lys Phe Trp Leu Glu Ala Glu Ser Phe His Ser Thr Thr Trp Ser Arg Ile Arg Ala His Ser Leu Asn Thr Met Lys Gln Ser Ser Leu Ala Glu Pro Val Ser Pro Ser Lys Lys His Glu Thr Thr Ala Ser Phe Leu Thr Asp Ser Leu Asp Lys Arg Leu Glu Asp Ser Gly Ser Ala Gln Leu Phe Met Thr His Ser Glu Gly Ile Asp Leu Asn Asn Arg Thr Asn Ser Thr Gln Asn His Leu Leu Leu Ser Gln Glu Cys Asp Ser Ala His Ser Leu Arg Leu Glu Met Ala Arg Ala Gly Thr His Gln Val Ser Met Glu Thr Gln Glu Ser Ser Ser Thr Leu Thr Val Ala Ser Arg Asn Ser Pro Ala Ser Pro Leu Lys Glu Leu Ser Gly Lys Leu Met Lys Ser Ile Glu Gln Asp Ala Val Asn Thr Phe Thr Lys

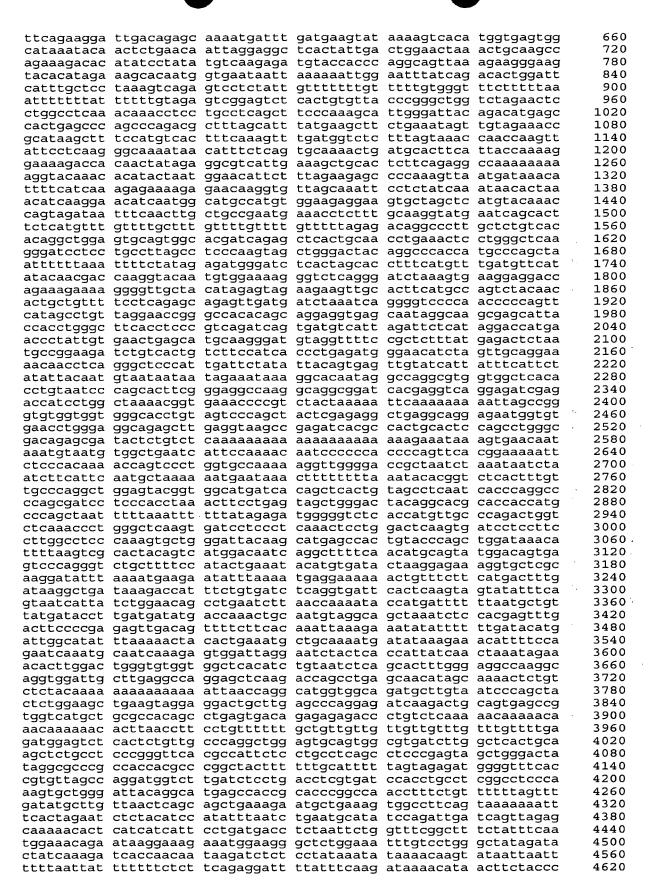


480 540

600

ttaagtttga aatgtatact tgcactacta acacagtagt taatcttagt cctacaagtt actgctttta cacaatatat tttcgtaata tgtatgcact ggtgtttatg tacgtgttta

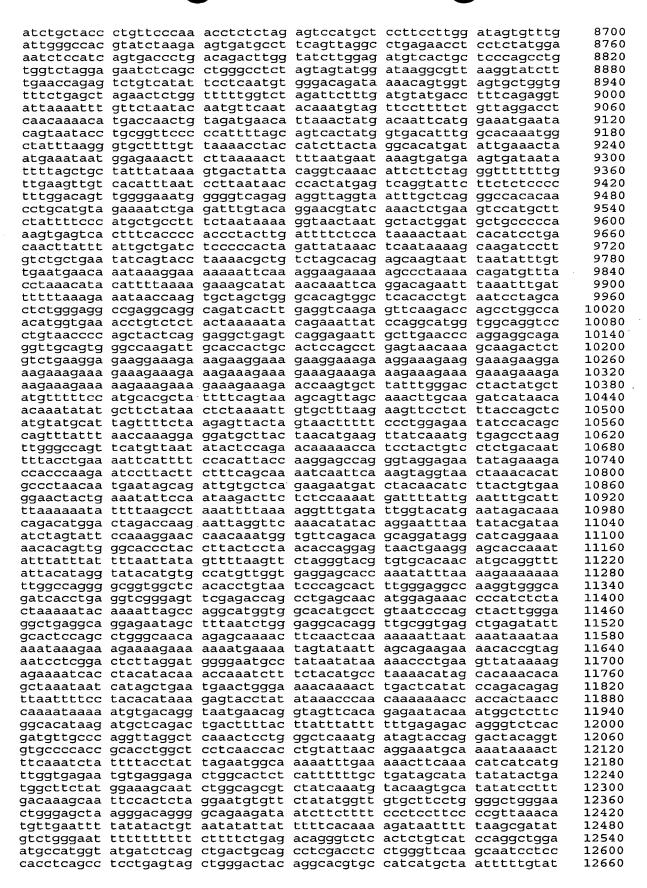
tgtttatatc tgttaaaatt agcagtttcc atctttttct attttgtacc atcacatcag







atactattga ttccaaaggt tagaaaaagt gtttttcctc atcttatcct tcaaagaggt 4680 4740 cacagcaatg caaacatcta taaaatgcct ctgcataatt gtcagaagct atagtccaga 4800 aatcattgaa aatgcttttc cattttaagc ttaggtgagg tgtcttagga aacctctatg acaacttact ctatttattg ggaggtaaac tcccagactc tcccagggtc tcctgtattg atctcatttt ttaggcttcc taatcccttg aagcacaatc gaaaaagccc tggatctctt 4860 4920 ttctgcacat atcatcgcgg aattcattcg gcttccagca agctgacact ccatgataca 4980 5040 ageggeeteg eeetteteeg gaegeeagte ettgetgegg ttagetagga tgaggggttt gctgggcttc agtgcaggct tctgcgggtt cccaagccgc accaggtggc ctcacaggct 5100 5160 ggatgtcacc attgcacact gagctcctgg caggctgtac caatttttta attatttaat atttattttt aaaattatgg tgaatatttt ggtattctgc tctaaaatag gcccataaat 5220 gcacagcaga tatctcttgg aacccacagc tttccactgg aagaactaag tatttttctt 5280 ttaaagatgc tactaagtct ctgaaaagtc cagatcctct acctctttcc atcccaaact 5340 5400 aagacttgga atttatgaga gatctagcta acagaaatcc cagacacatc attggttctt 5460 cccagagtgc agtcctccta aagaggctca gccctaagca ggcccctgca ccaggagggt gggtctgaga cccacatagc acttcccaag gtgcatgctc cagagaggca ctgaaacagc 5520 tgagcacaag cctgcaagcc tggagaactc tcacagtcag aacggagggg gcccagtggg 5580 5640 actaacataa agagaaaagg gaacacagag aaatggatgg caccaacaac cagcaaagcc ttcatggcca atgaaagcat cagtgacggg gccagaaccc tcatccccaa agactcttca 5700 ctgcctttag tgaaaaacaa tggctagaga gtgaagttat gatcatgtat agagaggtaa 5760 agttacattt ttatattctg actctgctaa tgtgaaattc cctatctgct agactaaaag 5820 tttcagacac cctgttcaaa tatcccatta gttgctagag acttaaaatg aacagaacgc 5880 acattgtcag gatgactatt accaaaaaat caaaagacag caagtattgg tgaggatgta 5940 gagaaactgg aacttttgtg cactgtttat gagaatgtaa aatggagcag ctgctgtgga aaagagtatg caggttcctc aaagagtaaa accaagatgt ggaaacaact aaatgcccat 6000 6060 cagiggatga aggggtagac aatatgtggt atatacatac catggagtac tattcagect 6120 6180 ctaaaaaaaa aaaaggaaat tctataacat gcaacagcat ggatgaatct tgaggacatt ttgctaatga aataaggcag tcatagaaag acaaatactg cacgactcca cttatatgag 6240 6300 ataccaaaaa tagacaaatt catagaatca aagagtacaa tggaggttac ctggagctgc agggcgggaa acgaggagtt actaatcaac gaacataacg ttgcagttaa gtaagatgaa 6360 taagetetea agateagetg tacaacaetg tacetagagt caacaataat gtattgtaca 6420 6480 cttaaaaatt tgttaagggt agattaacaa atgtagtaga tccacaaatg tggttaagtg ttcttaccac agtaaaataa aaaaagaata tcaagcccag gagttcgaga ctagcctggg taacatggtg aaaccctgtc tctacagaaa atacaaaaat tagccagctg tggaggtgca 6540 6600 ctcctaggga ggctgaggtg ggaggcttgc ttgagcccag gaggtcaagg ctgcagtgag 6660 ccatgattgc accactgtac tccagcccag atgacagagc aagacaccac ccccccaaa 6720 6780 aaaagaaaaa gaatatcaaa cattttaaaa gatcagatac gcaagaacaa caacaaaaaa 6840 gagatgaaca gagcatcgac cctcatctag tgggattctt ggtctaactg aaaaacagac attgagagac aaacaatgac agtgatgtga tcacagcaat tacacaggta tcccctgggg 6900 actgcagaag aaaggaggaa tgcctaactt tcagaaaata gagaaagcgt caaacagttg 6960 gtgaaagcct tccaaaacta gagagaactg cacaccaa atcacagaaa gaagaaaagc cgtgggagat tctgggaccc accggctatt tttgatggct gaacaccctg ctgcaggaga 7020 7080 7140 gacaggaget ggaaagcatg gtgggatgaa acetcaaaca getttgeetg cattgettaa gatgactggg cttgattaac tctagtcaat ggggacaatt caatcaaaga agaaagatgc 7200 tcaaattcac attttagaat gattttttat ggcagtatgg ggaatagatt aaaagagagt 7260 gaagctggag gcaagaaact tgttaagagg caactgaaac agtctagatg ataaataata aactgacaga gtgactagaa aaatcagaac aggctgaatc aacagatacc tagatgaaaa 7320 7380 taacaggact tgatcaccag ttgtatcttg gagaggaagg agttgtttcc ttgctttccc 7440 tacgactggg aatacggaag gtttgccgtg tgtattggtt atatactggt gtgtagccaa 7500 7560 tcactgacaa ccatttagca gcttaaaaca caaaggctta tctcccagtt tctgtgggcc aggaatetaa gataggetta getggetggt tetggeteag agttteteaa gaggttgeaa 7620 tcaagatgtc agctggggtt gcatcatctg aaggctcaac tggggccgga gggtccactt 7680 ccaaggagtt cactcacctg cctgacaagg cagtgctggt tgttggcagg agatctcaat 7740 tcattgccaa gtgagcctct ctatagcatt gctggaacat cctccccatc tggcagttgg 7800 7860 etteteteag catgagtgat etgagagaga gagcaaggag gaagceacag tgttetteet actoctacto ctaacactat ggacctacto ctaacactot cacttotgoo ttattocatt agttagaaag ggaactaago tocacctott gaaataagaa gtgtcaaaga atttgtggat 7920 7980 atatttaaaa atcatcacac tgtggaagtg gatagggggt tcaattaatg ctgaacttga 8040 8100 aatgeetgag acatteaaat gteeaacagg caatgaacat acceatagat ggteatgaet ttagcaagaa tagaggaaga tcacagaatt aaggaggaat tgaaaggtaa aagaagtgga 8160 gtcagattcc ccctgaaaag tgagccatga aaggaacttt aactattgag ttagaggtca 8220 gagtaggaaa tttcggtgga attcttttt aaagaaagga accatataag catgttttga 8280 8340 ggtagaggga gaataaatca gtagacaggg agaggtaaaa aacataaatg ataggggata 8400 gttgacaaag gtcttggcag aatcccttac ccattgactt ggggccaaga gagggacact totttgtttg agggataagg aaaataagaa agaatgggtg ctatttagtg tggtootgto 8460 tctagggcaa acgcataggt aacaaactgt gtgtgttagg aatatagatg tgacctcaca ttgagattct cacctcaaat ccattttgtt gttacctgta ccttcctacc ttctctttt 8520 8580 gctacatgca gactgctgtt ttgtcttcct ggcctgttcc aggtttcagc attctggcat 8640







atacagggtc tcactatgtt gcccaggcta atgtcaaact cctaggctca agcaatccac 12720 ccacctcagg ctccaaagtg ctgggattac aggcgtgagc caccgcgcct ggccctggga 12780 attettacaa aagaaaaaat atetaetete eeettetatt aaagteaaaa cagagaagga 12840 12900 aattcaacct ataatgaaag tagagaaggg cctcaaccct gagcaacaaa cacaaaggct atttctgaga caggaatttg ctgaacaaaa tcgagggaag atgacaagaa tcaagactca 12960 13020 cttctcggct gggcgcagtg gctcacacct gtaatcccag cactttggga ggccgaggcg gacagatcac gaggtcagga gattgagacc atactggcta acacagtgaa acccagtctc 13080 13140 tactaaaaat acaaaaaatt agccgggcgt ggtggcaggt gcctgtagtc ccagctactt 13200 gggaagetga ggcaggagaa tggcgtgaac ccaggaageg gagettgeag tgageegaga 13260 13320 aagactcatt tetetagate ttgageegta tteaaattta teteagetta gtgagaggtt 13380 aaagcaagga atateettee etgtgggeee tgeteettae tgaaggaagg taaeggatga gtcaaggaca ccaatggaga aaagcactaa caccattatc tgatgaacat tacgtgaaga 13440 agggtaagaa gtgaagtgga attgctgaag aagtcagtga aagcggacat tcatttgggg 13500 13560 aaatggaata taggaaatcc ataaaagtga ttaaaaagat gttagaggct gaggcggggg gaccacaggg tcaggagatc gagaccatcc tggctaacac ggtgaaaccc catctctact 13620 aaaaatacaa aaaattagee aggegtggtg geaggeacet gtagteecaa etacteggga 13680 gactgaggca ggagaatggc atgaacctgg gagacggagc ttgcagtgag ccgagatcac 13740 gccactgcac tccagcctgg gtgacagagt gagactccat ctcaaaaaaa aaagttagat 13800 acgagagata aagatecaac agacacacaa etgetaatte tgaacagaac aaaacaaatg 13860 qcacaggaaa agaaaattta agatataaca ccggaaaact ttcctgaaat tgagtaactg 13920 aatctatagc ttgaaagggt ttagcatatg ccaagaaaaa tcagtagagt ccaaccagca 13980 caagacacat ctagcaaggc tggtgattct accaacacag agaaagaagt gggtgaccca taatgcggaa aaaggcagac catctgcagt cttctccaga acactggagt ctgaagacaa 14040 14100 aagaatgctg cctactgagc cagaagggag agaaagtgac ccaacacatc tttaccaagt 14160 14220 tagaatgtca cgcattattt aaaggctgca aaagccatga aagacatgaa agaacacaag 14280 catttacaac atgaaagaac acaagcattc tcatactcaa gaatccttaa gaaaaatgta 14340 gtectaatec ageceaetga aagttaaatg taettaatgt geteattaat gggaaettea tagetteaaa teagtetggt eccatetace aacatetete geeeggettt eetgeaatag 14400 tragradett terreter cagtettgte certggagte tgetetrage atagragagt 14460 gaccacatca acacccaagt cagagccctc cagtgcgcac tggtctacaa agcccttccc 14520 accecceace ceaegtgeee teeggateet tgtgaegtgt eteetgeata eeetageage 14580 cctggcctcc tcactgcccc tcctgtacat caggaaggcg actccttgag tcttggctct 14640 ggccgcctcc tccacctgca gtgagttaac tcccttacct actctaggtc attgctcaaa 14700 14760 tgtcagcatc tcaatggggc cctccctgac taccctattt aaattctaca tactcccctt gaccccatgg acctcactca ccctattcca cttttattct tacaatttag cacttgttct 14820 cttctaacgt attctaagac ttactcattt attacattgt ttgccacccc ctctagtaca 14880 taaactccag aggggcaggg atttctgtct atttattcat ttctttatcc ctaggacata 14940 gaacagggca tagttcagag tattcaatgt tatcaatgaa tgaactagca gtagtaccag 15000 15060 ttccagttag gcacagaatt aaatctaaat agaattaaat ctcatggtct gggttaacta tggatagaaa attagatata attttaagaa gcctagaaag aaaaaattaa taatgtaaaa 15120 15180 ataatattaa tttgataata ataacaaaaa ctctgccagg cactgtggct caaatctgca 15240 atcccagcta ctcaggaggc tgaggtggaa ggatcacttg agaccagagt tcaagactca 15300 gcctaggcaa cacggcaaga aactgtctct aaaaaaatta aaacttaaat ttttaaaaaa gaatteteaa agegteacaa aaactggaga ttaaggtaca ggaagtgtga agtaatatta 15360 ctatgctaat ggttttttt ttttttagaa aggtataacc aaaagatttc tttctcaagt 15420 cgataaactg agaaagataa gcatatcttc caattaacag agggggagga aaagccagat 15480 15540 acaacaaaat aagatataaa ttagtttcca gttgaaaaca agagtaggag ttattttgca 15600 tcacctcacc tgtgacctcc cccagcccaa aaaacactac tgataaacag ggtagaaaag catcatctca gataaagcag gaaaaactgc cacagtctca aaccacaaac tataagcaca 15660 cacctggcca accctgccaa gtctgggctc agtaggagga acgtgctgag agctaggatg 15720 taccaactta gacattetgt gggatacaga tgtccetgga agggtcacac catetcaaag 15780 quacctigtaa tigcccactiga ttacagccac catatigtigag agagaaactc agggcactta 15840° 15900 gagagtataa caagaacctt atgtcatctg agatgaggaa tcctcagccc tgcaaattaa ccaactcttt agaacaactg gcaaaacata aatatccaca acttttgttt cagtaattcc 15960 16020 actcttagat atcaatccaa agtacatgag acagcagata cacacacaaa atggtattta ctgcagcatt gtttataata gcaaaaaaca agaaataatc catatgtctc aataggatac 16080 tgggtacatg agggtatgta cccatcattc aaccatcaaa aagagtgata tggatgtcca 16140 16200 cagatggaca taaaaagctg tgtgttacgt gaaaacaaac tcaagcagca gcaggatggg 16260 cttatgatag tcagtatgag ctaatttctg gaaaaaaaaa tctagtgtgt gcacagaaaa catctgaaag aacagaaaca aaactatcag cagaatattg agatgtttta ctaagttgta 16320 tatctatact gcttgtaatt tttaccccaa gcaagaatta ctttttggaa aaagaaaatt 16380 caqqaaataa aqcatttctt taaacttcat qtttaaacaa atggtgatgg aataaaagag 16440 16500 ttcttattca tcataaacac acacagcaca catgcacgca tgtgcgtgag cacacccttt acttgataaa taccatgttg aatattttag tettteettt taggttetat eeetteacte aaaatgeggt tataaataaa tgtaetttte atgtgeette tgeetaaace caetttaata 16560 16620 taactttaca gtcccattat cattatagtc tcaaagctag actcagcctg aaactaccct 16680



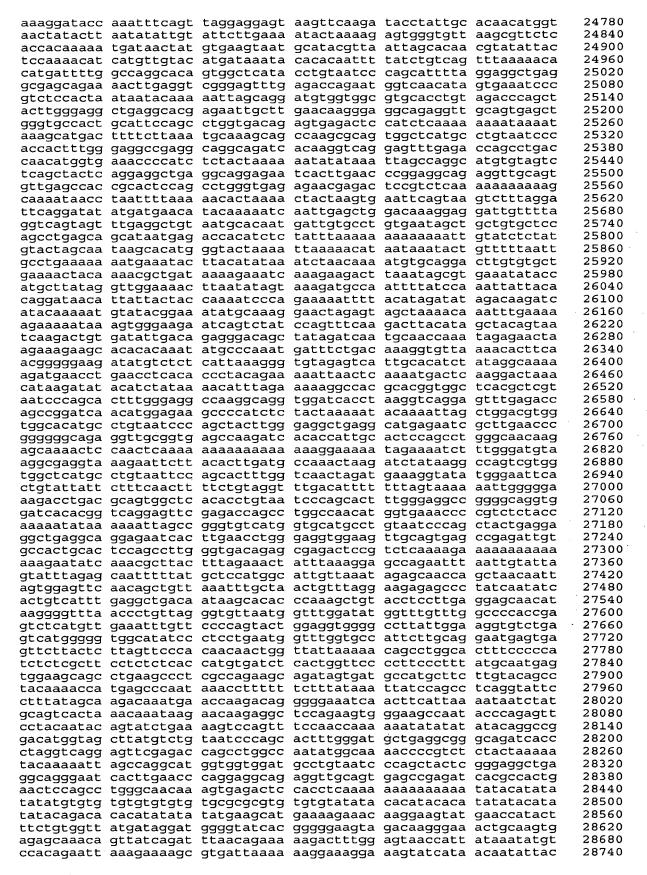
ttcatttgga accettatta aaatgecaca tacageteet teaaataaaa acaaaceeta 16740 ggacctgaca ctaggcttcc tttgttgcta ctcataatgg ccaagttctg tgcttataat 16800 acatettett teattttatt getacatate caagggtttt atatgttttt ettattatat 16860 cttaattcaa aacaccatca cgctcttttc cagatgaaaa taaggaaaag aaattgagca 16920 actgactgac ttaaaggtca taaaactata tagtagcaga gtcagcaaaa gaagaaacac 16980 17040 acatetecca agtagagget gaaaaccagt accatteace tecagggtga getatataca 17100 gattacaaag tcaccttctc taaatgttca aactgaatcc catacccata ctttaccact acctcgtaag aacagcctca gatcttgtta tagccttttt tttagcatgc tgaagccaat 17160 aaaatgcttc ccattcagca agagaaacaa gttctgaaac actgaataat ctgcccaggg 17220 17280 cctatgaaca tttccactgt gagaaatgtt ctccactgtg tggagaagat ccttactctt 17340 ctccacacag gcagaacatt agaaaaattc ttggattcta tgatgcacag cttaggagtc 17400 tgtttagcac aatttaagtc caaatagtta ttaaatcctc ctctgttcca gaaacagtgc taaatactgt gaatataaaa attgaaaaga tactctcctg gctcccaaga aagtcagcca gatagaggag acacaggcac acaaatcact gtcacatgaa gctctacctc cctaacttca 17460 17520 aacgagggcc taagtcacca agaatacagt agcagttgtg actacgagta actactataa 17580 ttcaatactt tatcttccct tagaaaactc ttctcccttg gaaatttatt tgcatttcta 17640 aataccattc cttactaaaa ggaagcaggg ctccttgggg aaatagctga ttctaggtgt 17700 ggactatgaa atgaaaatgg tgagtctggg acatcccatg ttgcccagaa atcaaggaac tgcccaaaga ttaacagagt catgttaaat ggacctaaga gtgaaccaga aggagctcac 17760 17820 17880 tttgccccgc gtggaacaat ttcaagaaaa acatgacagt aatgaattat aaaacatgaa 17940 ttaaaataca tattggtact aaaaagagaa caaaaggatg tggctttgga taaagctctt cttcatggaa gaataccagc taataaatgt aaaggaaatg agagaattag aaaaattatc 18000 18060 attittgtaaa ccttaatata ttcacctaga catgctaaaa ccactgagta aaaggctgct tgggaagagg atgctcacat gatctcagag tttcacacca cagataattt attagataca 18120 ggaaggaaga tgtgatcaag cttcctgtga cccccagcca ggccccacaa cactatgtgc 18180 ctecttgtga tgtgggaget acacagcate geceacacag ettetegeca aaactgtttg 18240 aagctaatca caagggaaga actggacagc ttctgaccat gagacgctcc accagacaac 18300 18360 ttgcttggcc tctccaaaga aacttgcttg gcctctccaa agaaaactca gtttcattta aaaacaaaac taattattta aaaacaaacg aaaagcaagt tgtggacttg agctccaggg 18420 18480 acagagcaga catacttttc cctgttcttc ccagtaagtg gtaataaaaa ccctcaacac 18540 tagatataaa acaaatataa gaaggttctg gaaggggaag aggaggcaga ctatccaggt gccttgaggc ccacagaaca acccagtgat gggttcactg ggtcttcttt ttgcttcatt atctcagact tggagctgaa gcagcaggca acttcaaaac accaaggggc acagattgaa 18600 18660 aagccccaag aaaagcctgc cctctctagc caaaggacca ggaaggagac agtctaatga 18720 18780 gatggaacac atttagacag taactgccca tttaccagca ataactgagc agggagccta 18840 gacttccagt cttgtgagga cgtaccaagg tacccaacac ccccaccaag gctgagtaag 18900 gactgcgact tttatccctg catggcagta gtaaggagcc catccctcac ccgccagcag tgtcagggga acctggactt ccactcccac ccaggagtga tgaggccctc cctgctgggg 18960 19020 tcatgtcaga ggaggcctag tggagattca gtgacttaac cttttcccag agataatgag 19080 gccacctttc ctccctcttc ccccatggtg acagtgaaag cactgtggca agcagtaggc actectacee etectageea gggaggtate agggaggeea agtagggaae cagaatacee 19140 acaaccaccc agcagcaaca ggggtccccc accccattgg gtgtcaatgg aagcagagcg 19200 gaaageetgg atatttacce ceatetagaa gtaacaaget gatgteeece ttettetact 19260 acaatggtgt tcaaaacagg tttaaataag gtctagagtc tgataacgta atacccaaat 19320 cgttgaagtt ttcattgagg atcatttata ccaagagtca ggaagatccc aaactgaaag 19380 19440 agagaaaaga caattgacag acactagcac taagagagca cagatattag aactacctga aaggatgtta aagcacatat cataagcete aacaggetgg gegeggtgge teaegeetgt 19500 aaccccagca ctttgggagg ccgaggcagg tggatcacaa gatcaggaga tcgagaccat 19560 19620 cctggctaac acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaat agcaaggcat ggtggtgggc acctgtagtc ccagctactc gggagcctga ggcaggagaa tggcatgaac ctgggaagag gagcagtgag ccgagatcgc accaccgcac tccagcctgg gcaacagagc 19680 19740 aagacttogt cccaaaaaaa aaaaaaaaaa aaaaaaaagc ctcaacaaac aactacaaac 19800 gtgcttgaaa caaatgaaaa aaaaatcttg gcaaagaaat aaaagatata tattttggcc aggtgcagtg gctcacagcc tgtaatccct gcactttggg aggctgaggc aggcggatca 19860 19920 cctgaggtca ggagtttgag accagcctga ccaacatgga gaaaccccgt ctctactaaa 19980 20040 aatacaaaat tagccagtca tggtggcaca tgcctgtaat cctagctact caggaggccg aggcaggaga atcgcttgaa ctcaggaggt ggaggttgcg gtgagccgag atcccgccat 20100 20160 tgcacattgc actccagcct gggcaacaag agcaaaactc catctcaaaa aaatagatac atattttaat ggaaatttta gaattgaaaa atacagtaac caaattgaat ggaaagacaa 20220 catagaatgg agggggcaga caaaataatc agtgaacttc aacagaaaat aatagaaatt 20280 acccaatatg aagaacagaa agaaaataga ctggccaaaa aataaagaag aaaaaagagg 20340 20400 agcagcagga ggaatgatgg aaaaagagaa aggaaggaag gaagggaagg agggagggaa 20460 ggagtgaggg agaaagtctc aaagacctct gagactaaaa taaaagatct aacacttgtc 20520 atcagggtcc aggaaagaga caaagatggc acagctggaa acgtattcaa aaaataatag ctgaaaactt cccaaatttg gcaagagaca taaacctata gattcgaaat gctgaacccc aaataaaaag cccaataaaa tccacaccaa aatacatcat agtcaaactt ctgaaaagac 20580 20640 20700 gaaaagagaa aacgtcttga aagcagtgag tgaaacaaca cttcatgtat aagggaaaaa



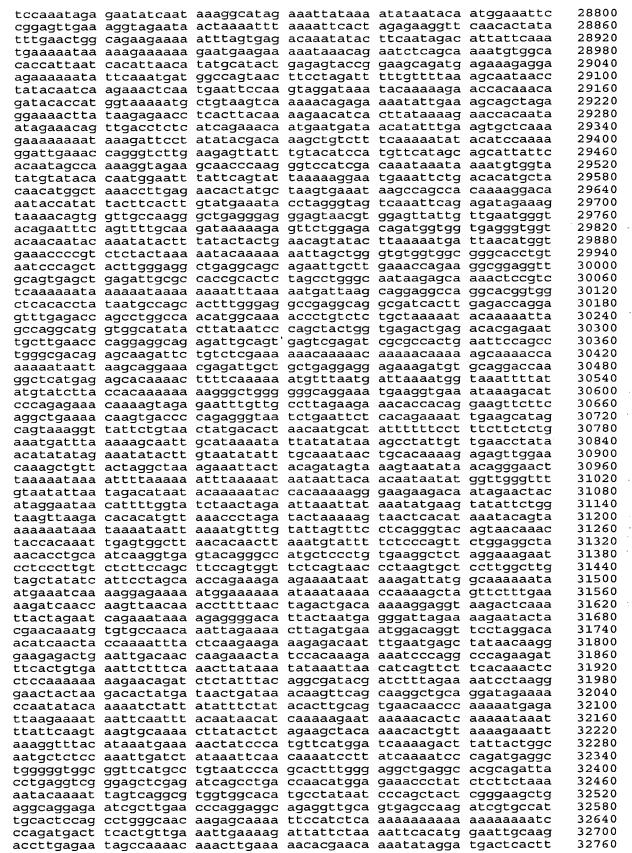


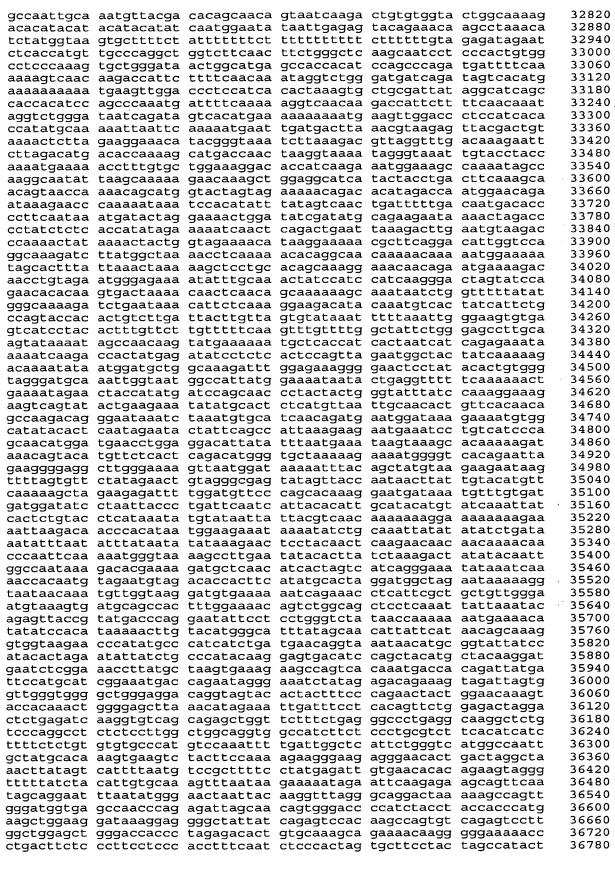
caattcaagt	aacagatttc	ttacagaaat	taaggaagcc	agaaggaaat.	gacacaatgg	20760
ttttcaagtg	ctgaaagaaa	agaagtgtca	acacaaaatt	ctagattcag	taaaaatatc	20820
cttcaagaat	caatgggaaa	traagaragt	ctcagataaa	gcaaaataag	agaatatgtt	20880
_			_	_		
gccagcagat	ctcccctaaa	ggaatggcaa	aaggaagatc	atgcaacaga	ccaaaaaatg	20940
atrassassa	gaatccagaa	acatcaagaa	gaaagaaata	acatagtaag	caaaaataca	21000
tgtaattaca	ataaaatttc	tatctcctct	taagacttct	aaattatatt	gatggttgaa	21060
gcaaaaatta	taaccctgtc	tgaagtgctt	ctactaaatg	tatgcagaga	attataaatg	21120
gggaaagtat	aggtttctat	acctcattga	agtggtaaaa	tgacaacact	gtgaaaagtt	21180
acatacacac	acacacgtaa	gtatatataa	atatatotot	gtatatgtgt	gtgtatatat	21240
atatatacat	ataatgtaat	acagcaacca	ctaacaacac	tatacaaaga	gataataacc	21300
aaaaacaatt	tagataaatt	gaaatggaat	tctaaaaaat	attcaaatac	tctacaggaa	21360
aaaaaaaaa						21420
gacaagacaa	aaagagaaaa	aaagaggagg	acaaactaaa	LLLLLLdada	acataataa	
aatggtagac	ttaagcccta	acttatcaat	aattacataa	atgtaaatga	tctaattata	21480
tanattanan	~2~~2~~	ggagagttaa	ttt222222	taggtatagg	aaaggtggtt	21540
	gacagagata					
tagactaaat	gcagtgactc	acacttqtaa	tcccaqcact	tcgggaggcc	aaggcgggtg	21600
	ggtcaggagt					21660
ctaaaaatac	aaaaaatta	gccaggcatg	gtggcacacg	cctgtagtcc	caactactca	21720
	acacaagaac					21780
tgcgccactc	cagcctgaac	gacagagtga	gactccacct	cagttgaaaa	acaaaaaaga	21840
aacctgcttt	aaatatacca	acatatotto	gttgaaatta	aaagaataaa	atatatcato	21900
						21960
aaaacattaa	tcaaaagaaa	ggagtggcta	tattaataac	ataaaataga	Citcagagaa	
aagaaaattt	caagagacag	gaataaaagg	atcaaqaaaa	gatcctgaaa	qaaaaqcaqq	22020
						22080
CadalCaalC	attctgcttg	gagattcaac	accelecte	aacaactgat.	agaacaacca	
gacaaaaaaa	tcagcatgga	gttgagaaga	acttaacacc	actgaacaac	aggatctaat	22140
	ggaacactct					22200
agacacccac	ggaacactct	acceaacaac	agcaaaacaa	acacccccc	caagtattta	
ctgaacatat	ccttagaccc	taccctgggc	cataaaacaa	agctcactag	tgattgccga	22260
	ggacagtgga					22320
taggatttct	ttttgggata	atgaaaatgt	tccaaaattg	attgtggtga	tgttggcgca	22380
actitacaaa	tataaaaaag	gccattgaat	tgtacgtttt	aagtgggtga	aacatatggt	22440
						22500
	tatctaacgc					
cagagtgtgc	tctactggaa	tcaaactaga	aaqaqqtaac	tqqaqqataa	cqaqaaaaqc	22560
	ttgaaaactg					22620
catttctgat	attcattttt	attgtttaat	gtatttttaa	aaatttctta	agggaaataa	22680
actgactasa	aatgaatatg	actagataca	gragereaca	cctgtgatcc	cagcactttg	22740
ggaggccgag	gctggtggat	cacaagatca	ggagttcgag	accageetgg	ccaagatggt	22800
gaaaccccgt	ctcaactaaa	aaactacaaa	aagtagccaa	acacaataac	aggageetat	22860
						22920
	acttgggagg					
gcagtgagcc	aagattgtgc	cactgcacgc	cagcctgggc	gacagagact	gcctcaaaaa	22980
	aaaaagaata					23040
aaatttataa	cactaaatgt	ttacattaga	aaagagaaaa	agtttcaaat	caatagtctc	23100
cactcccatc	tcaagaacac	agaagatgaa	gagcaaaata	aacccaaagc	aagcaaaaga:	23160
	aaaaataaat					23220
gaaacaaagt	actgattctt	cgaaagatta	ataaaattga	caaacctcta	gcaaggctaa	23280
	~		_			23340
	agaaagaaga					
caactctaca	cattataaat	ttgacaatgt	agatgaaatg	gactaattac	tgaaaaaaca	23400
	caactcaccc					23460
						23520
gaaaattgaa	tttgtaattt	taacactett	aaaacagaaa	Cattaaactt	aatatttat	
aaatattaga	taaggtaatt	atacccttcc	ttaacaaata	aaaacqacaa	attattttgc	23580
200+22200	atgtatgtac	tatassast	atetteagaaa	aaatagaagt	ttatttasaa	23640
aataaggatt	taaaaaatgt	ttttaactct	caagaagcaa	atatctgggc	ccagatggtt	23700
tcactgaaga	attctaccaa	atgtttaatg	aagaattacc	accaactcta	cataggatet	23760
ttgagaaaac	tgaagagaag	ggaacatctc	ccagttcatt	ttatgaagtg	ggtgttactc	23820
tgatactaga	actgtataag	gacagetact	cttgacacac	tacctataga	tagetetget	23880
		22222222	assasataa	-3333	tataaaaaa	23940
ctgcaggaac	agtcagaaaa	aaaaaaaaa	gaagcactgg	acaagggcag	tataaaaaaa	
gaaaactggg	ccaggtgcag	tggctcacac	ctqtaatctc	agcactttgg	gaggetgaeg	24000
staataasta	acctgaggtc	200204444	anathagasta	aggaagatag	tasaacceta	24060
tctctactaa	aatacaaaaa	ttagccaggc	agggtggtgg	ggaaaataaa	aaggaaaaaa	24120
	aaactgcaga					24180
	aatattagca					24240
	attccagaaa					24300
						24360
	actaaagagg					
ttqccaaaat	ccaatatcca	ttcatqatac	tctaataaga	aaaataaqaa	taaaggggaa	24420
attaattass		_		ttagaggtaa	cctatactta	24480
	ttgataaaga	ttacaaaaaa	CF2C2222CC			
attectigat	ttgataaagc	ttacaaaaga	ctacaaaagc	ttacagetaa	CCLacaccca	
atggtgaaaa	ttgataaagc actaaatgct	ttcccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
atggtgaaaa	ttgataaagc actaaatgct	ttcccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
atggtgaaaa attgctctta	ttgataaagc actaaatgct tttaacatag	ttcccctacg ccctgaagtt	atcaggaaca ctaacttgtg	aagcaaggat caaaacgata	gttcactctc agaaagggaa	24540 24600
atggtgaaaa attgctctta atgaaagacc	ttgataaagc actaaatgct tttaacatag tgcagattgg	ttcccctacg ccctgaagtt caaagaagaa	atcaggaaca ctaacttgtg ataaaactgt	aagcaaggat caaaacgata tcctgtttgc	gttcactctc agaaagggaa agatgacatg	24540 24600 24660
atggtgaaaa attgctctta atgaaagacc	ttgataaagc actaaatgct tttaacatag	ttcccctacg ccctgaagtt caaagaagaa	atcaggaaca ctaacttgtg ataaaactgt	aagcaaggat caaaacgata tcctgtttgc	gttcactctc agaaagggaa agatgacatg	24540 24600

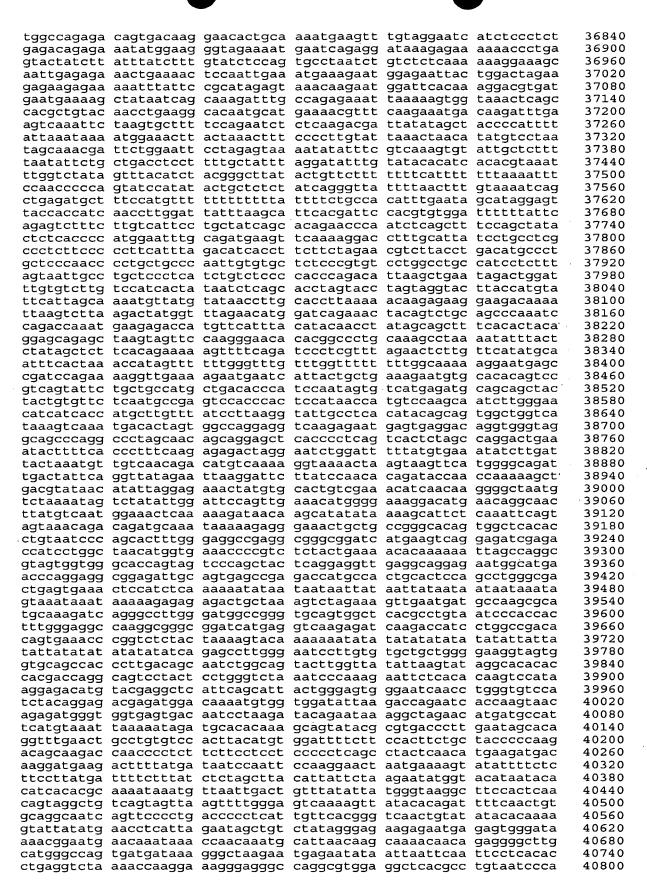


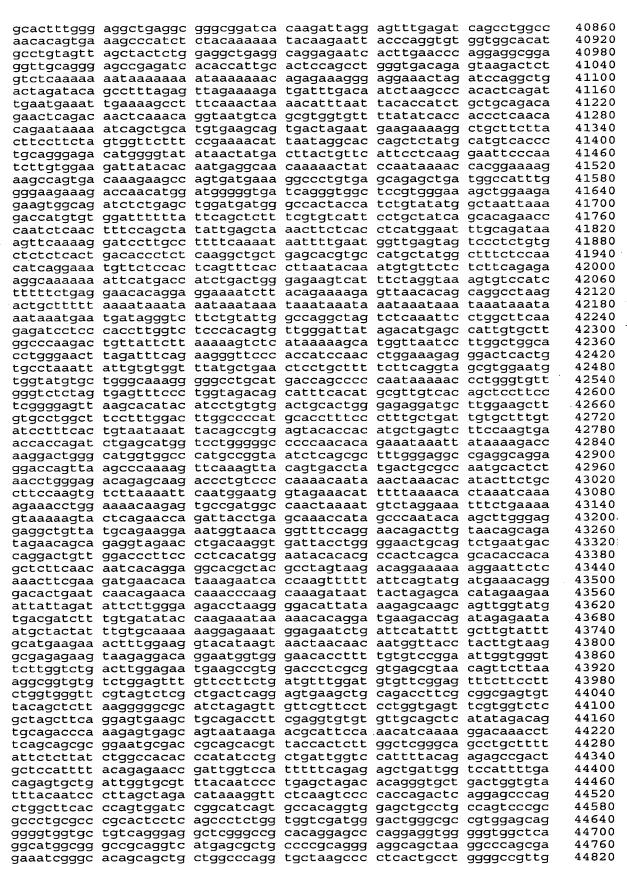


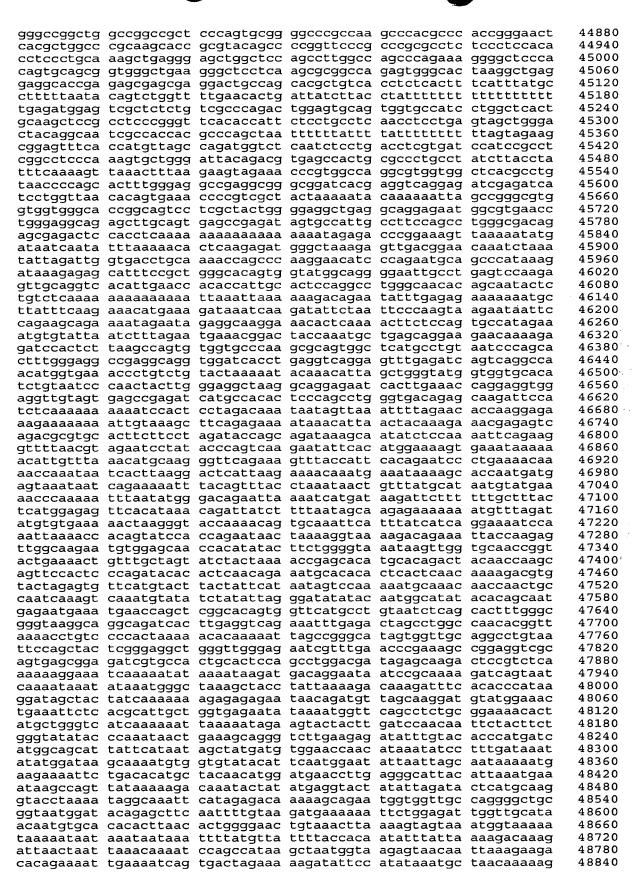


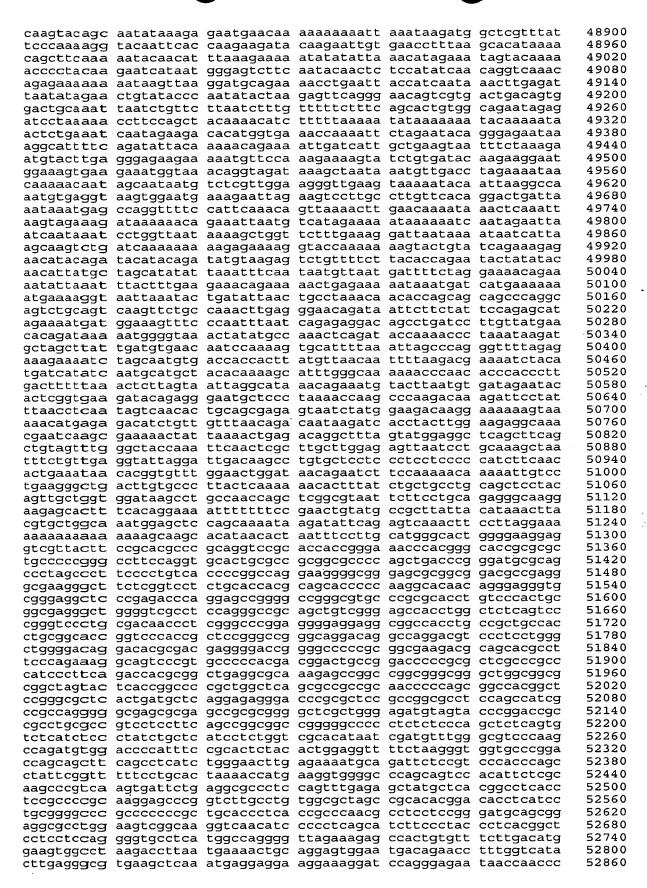


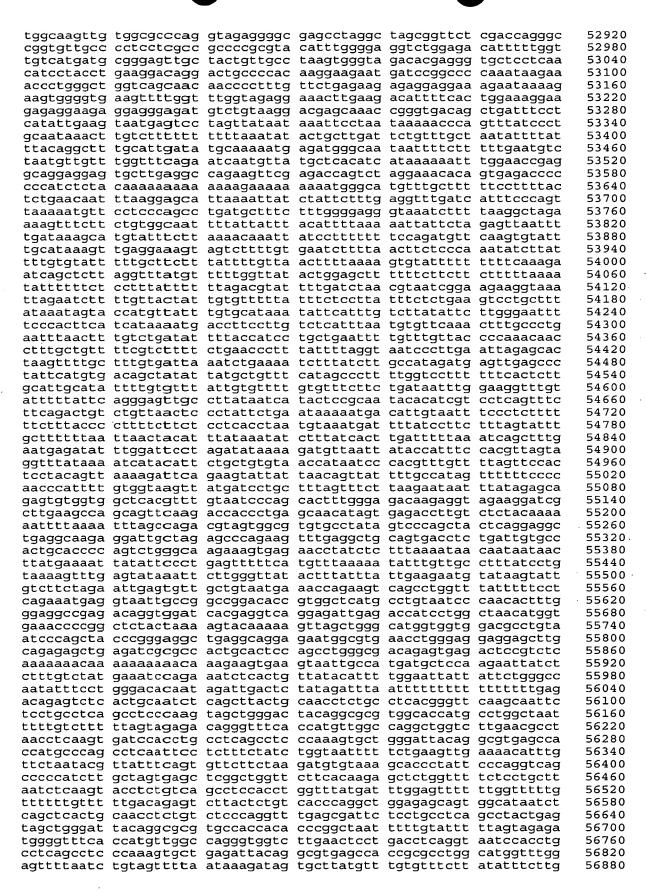








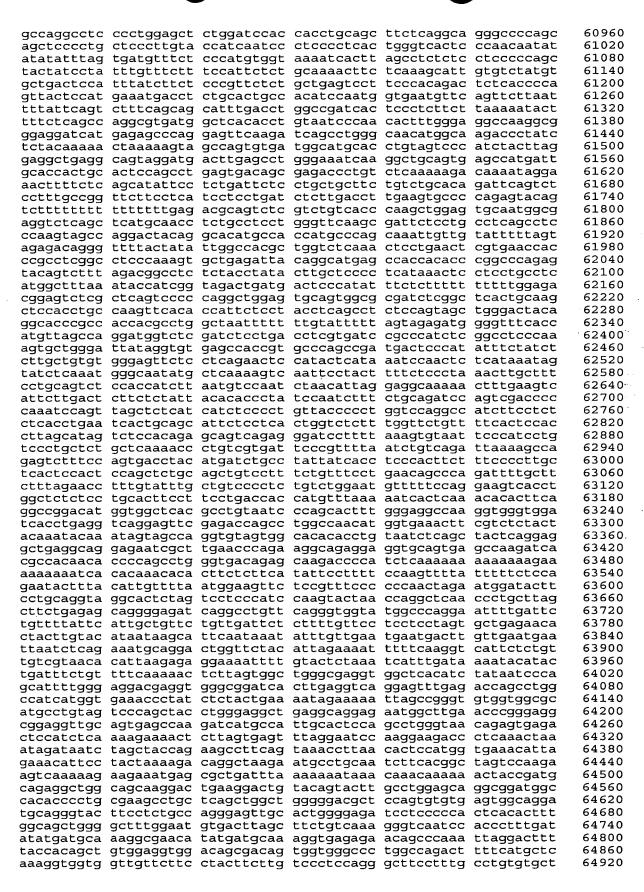


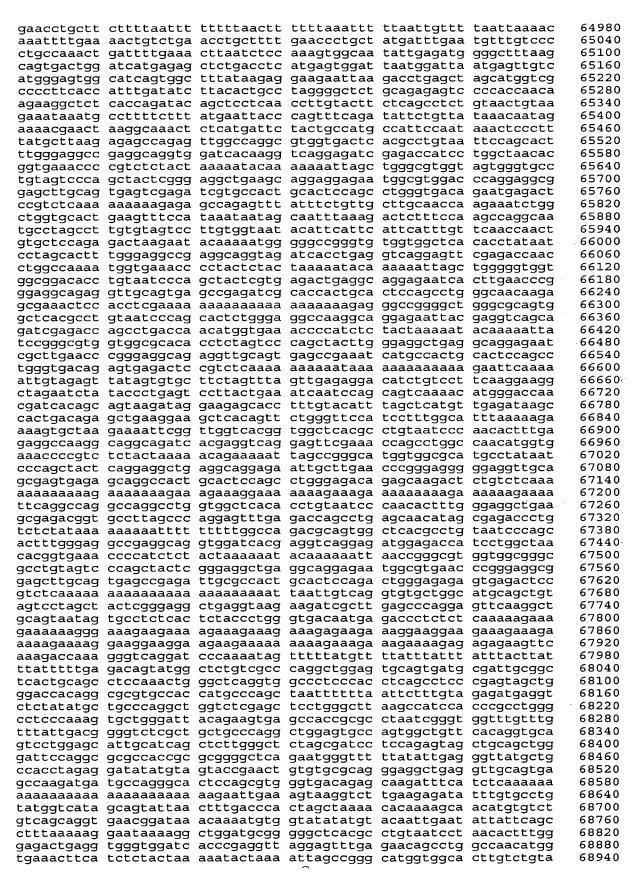






gtactcttgg gtaatttgta agatccccat atctacacaa gaagtccatt ttcaattctt 56940 ttottcagae tgtttatttt attttatttt attttatttt tatgtttgag atggagtote 57000 gctgtgtcac ttctggagge tggagtgcag tggegegate tcaggtcact gcaaceteeg 57060 tetecegggt teaageaatt etectgeete ageeteeega gtagetggga ttacaggeae 57120 ctgccacttt ttaatttttt tagagacaga gtctcgcttt gttgaccagg ctggagtgcg 57180 gtggtgcaat catggctgac tataacctcc aaatcctggg ctcaagtgat cctcctgcct 57240 cagectectg agtagetggg actaeaggea catgecacca tgeecagtta attttaattt 57300 57360 ttttgtagag acagggtete catatgttge ceaggetgge etectaetee tggeeteaag 57420 taatcctcct acctcagcct cccaaattac taggattata agcatgagcc accatgccca gccttgttct actactttaa tttcatatgt taggtgacca tgtaattgat catccaaacc 57480 aggatactgt aagaatgaaa gaggctgaca gtagtatgat gctgggacta gcattgtgca 57540 ctgagattat ttctgggaaa gcaggagata cggtcaccct acttatagtg tgcttgtctt 57600 tggattgttg aatttggagt ttctatttgc aggcttattt caactgggca gccttgatcc 57660 gecetgeeca geaatgetae egttetetee acegggtete tgggacecet teagteacta 57720 tacttagete agtteeceae ceteceaete ectaaaageg taaccaggaa teetgeetea 57780 ggtctactgc cgtcttccgt gggctgtttc agttcctatt acccagagtc aaactcccag 57840 57900 cattccctac ctgattccag acttggagtc cagagettta acctettcag gccaactccc cactttgcat ttctgtccct atatcttagt ccatggagat acatttcatg tctttgagtc 57960 tacttacaaa gtaaattttg ctgtttttta atttttttt tgagatggag tcttgcctg 58020 tcacccagge tgtggtgcaa tgacgccate tcggctcact gcaacctccg cctcctgggt 58080 tcaagcgatt catctgcctc agcctcccaa gtagctgtga ttacagacag gcaccaccac 58140 gcccagctaa ttttttttat cttttagtag agacagggtt tcaccatgtt ggccaggctg 58200 gtettgaatt cetgaceteg tgatetgeee ateteggeet cecaaagtge tgagattaca 58260 ggegtgagee actiftgeeca gecaatittg cttttittat attteatige tatatgttta 58320 gaggataagt ttacagtgct atatgcattc ccaaatatta gaccaaaaaa atctccaaaa 58380 58440 aattagaaag aaaatccaaa aaatctcaaa aaataccaaa aagcaacaat ctcacagacc 58500 atactcactg acccccaata aaataaaatt agaaattaac cacaacttaa caaaataaag tactcaagtc agagagaaa gaggaaataa acatcaaaat tacaaagtct aggcggtggc 58560 tcacgcctgt aatcccagca ctttgggagg ccaaggcggg cagatcacaa ggtcaggaat 58620 tegagaceag cetggeeaat atggtgaaac eeegttteea etaaaaatae aaaaattage 58680 58740 caggcatagt gatgtgtgcc tgtaatccag ccacttggga ggctgaggca ggagaatcac tgaacccagg gagacgaaga ttgcagtgag ccaaaatcgt gccactgcac ttcggcctgg 58800 gigacaaagc gagaciccai cicaaaaaaa aaaaaattac aaactcitta gatagaaatt 58860 ttggtgtttt tttttgagac ggagtctcac tctgtcgcag aggctggagt gcagtgggac 58920 58980 tatgtcagct caccgcaacc tccatctcct ggattcaagc aattctcctg tctcagcctc ccaagtaget aggattacag gegeeeacea eeagaeeeag etagttttta tatttttagt 59040 agagatggtg tttcaccatg ttggccaggc tggtctcaaa ctcctgacct caagtgatcc 59100 acctgettea geeteecaaa gtgeteagat tacaggegtg ageeacegea ceecacetag 59160 atagaaattt caacatgagg ccgggcacaa tggctcacgc ctgtaatctc agcacttcag 59220 gaggetgagg egtgggagga teaettggge eeaggagtte aggaceagea tgggtgacag 59280 59340 ticaacatga aaagtatctc tcaaaccctt cgagatgttg gcaaaaagcg actcaaagga 59400 aaatgtatta ctgtgtgtga atttgcttga aaataagaaa gaggccgggt gtggtggcta 59460 acacctgtaa tcccaacact ctgggagtcc gaatcaagtg gatcatgagg tcaggagatc 59520 gagaccatcc tggctaacat ggtgaaaccc tgtctctact aaaaatacaa aaaattagct 59580 59640 aggcgcggtg gctcatgcct gtaatcccag cactttggga ggctgaggca ggtggatcac ctgaggtcag gggtttgaga ccagcctggc ctacatggtg aaacctcgtc tcttctacaa 59700 atacaaaaat tagctgggcg tggtggtggg tgcctgtaat cccagctact cagaggctga 59760 ggcaggagaa tcgcttgaac ccgggaggcg gaggttgcgg tgagccgaga tcgcaccact acactccagc ctgggcaaca gcctgggtga cacagtgaga ctccatctca aaaaatacaa 59820 59880 aaaattagct gggtgtggtg gcctgcgcct gtagtcccag ctacccggga ggctgaggca 59940 ggagaatgga gtgaacctgg gaggaggagc ttgcagtgag ccgagatccc accactgcac 60000 tccagcctgg gcgacagagc aagactcttg tctcaaaaaa aagaaaaaaa aaggaaaaaa 60060 gaaccetgat aataaagaaa ccaaatgtte aacteteaaa geteggacae tttaaagaaa 60120 taattaataa aggcagaagt taaagggagg atgataaagc aattittitt gttggttitt ttgagatgga gtcttgctct gtcacccagg ctggagtgca gtgatgcgat cttggctcac 60180 60240 tgcaacctct gcctcccggg ttcaagcaat tctcctgcct cagcctcctg agtagctggt 60300 60360 actacaggtg cgcgccacct ggcccagcta atttttgtat ttttattaga gacggggttt 60420 caccatattt gttaggctgg tctcaaactc ctgatctcag gtaatctgcc cacctcggcc totcaaagtg ctgggattac aggcaggcgc caccgcgcct ggcctaaagc aaaatattgg 60480 ttctgtgcaa aaggtcaata aaaagagcaa acgtttacaa actggagcca gcacccattc 60540 ageteagtgt gtetggagaa aaaacaatet egetteagaa tteatgatta egeageeett 60600 60660 tttgcttcct aaaaatccta ctatgttgct gttgaccatt ctctctctt ctctctct tgctttctct ccagaaaagc tattcagaca ttctcctctt tcctcaaacc tccaacactt 60720 60780 cctcctccat ccttagcctc agctgctgac ctcacttcta atcattgaga aaccaggaga 60840 tgccccaatt ctgcgtcctc tcctctcacc atggatggac ggtccaggct ccgagccaaa 60900

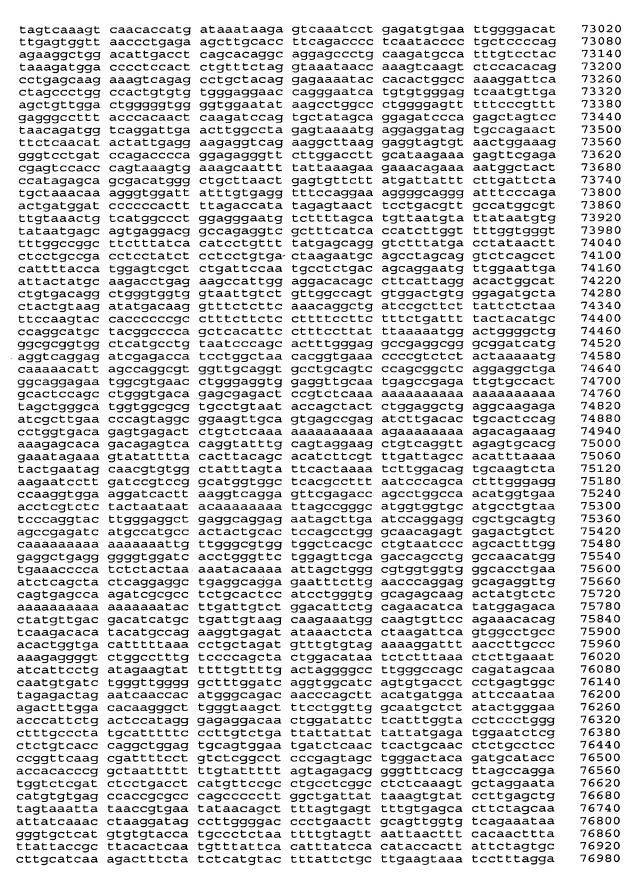


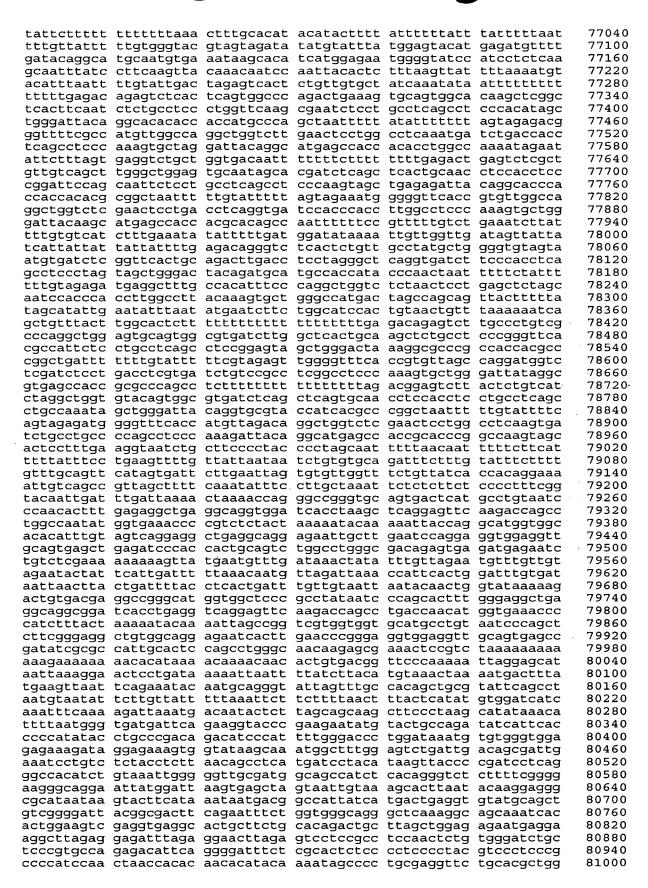




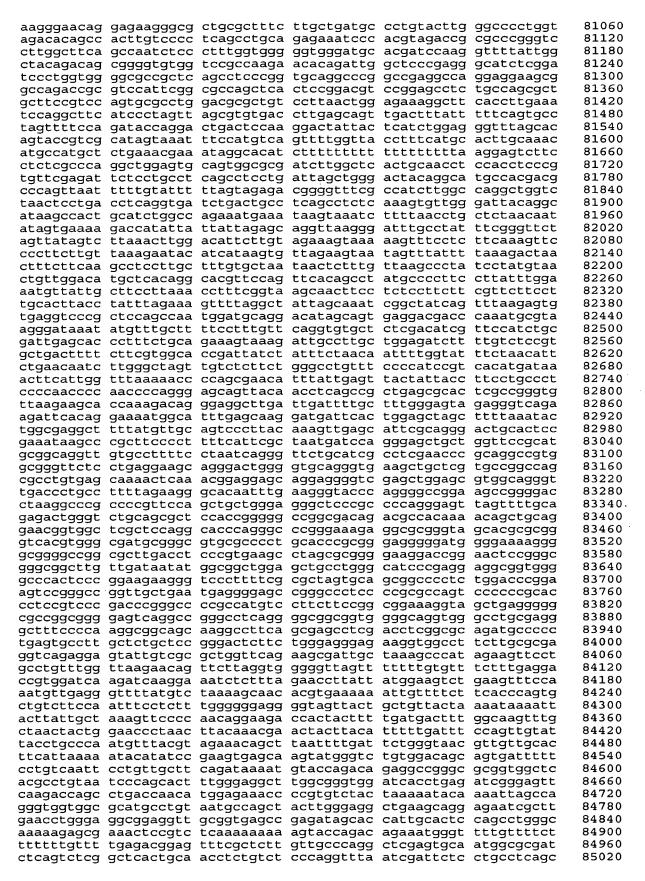


69000 atccaagcta ctggggaggc taaggcagga gaattgcttg aactcaggag ccggaggttg 69060 cagtgageta agatggcace actgcactee ageetgggea acagagtgag actecatete aaaacaaaca aacaaaaaat tattatttcc aaagaaacaa gaccctgggt ccatttccca 69120 69180 gcccacacct gatgttgact cacaacacac agcctggttt gctatgagcc tgcttcattt aattgtcacc ttaacttcac atcaccctca agtcctggaa taactctttg ctgacctttg 69240 tqtqctqagc catctccatg tcgctcaacg tgcagtccct ctcactgcac tgagtcaata 69300 69360 gccagacgtg gtctgactgc agggtcatcc ttggtggctt aggctgactc gggcatagca gggtgctctg agacctcacc gcatataggc tttgccccca ataaactcta tataatattc 69420 atattatgtg gtctgggtgt gtgtagcttt gcactgtctt ctcgtgacag tgccctcaac 69480 ctetttecca ggatttecte etetacetee teaagteeca etgetetgea aagaccaaaa 69540 gctgcagagt cccagctccc tcctttacac cccacgacgc agcctcctct ctcagaaccc 69600 tttaaacaga gtcttttact gcagatccca agaacagcca cacccctctc tcccacccac 69660 tccagacaca cccaggtaat tatagcaccc agggtaacta tgtagatgga gtccctggaa 69720 catgiggata gtgcccctg ggagtatgca aaagcaacat tgctggcacc tgcagagaac 69780 agggtgacat ccaggaatca gagcatgggc ctctgggagg tagggatgtg gccaggcagg 69840 ctgccaaaaa ttggtagagc aaggccacag gatctttctg accttccttc caaacagagg 69900 ctectgtact ggtgatect gtgttgattg accaetecet teetgggggt egtggtetet 69960 gteccagttg coeggactte tgtgagtgte ctactgaggt cettttcatg agaagcatge 70020 tgtccttcca cctgctggga gcaagagtga caacttcaat actataatag cagtggcata 70080 70140 cagagaagaa gaaagatgaa gtggcaagaa aaacaggctt ccaagcagga gtttttctat 70200 aaaaacaaaa acgtttacaa gcaaactttt tataaagggc tagatagtaa atattttagg ctttgagage cacatagact tgtttgcagg gactcaatgt cgctattgta gtttgaaage agccatcagg gttatgtaaa tgagtgagte tgattttgtt tcagcaaaat tttatttace 70260 70320 aaaacagaca atgagtgggc tggatttggc ccatgatcct tagtttgcca actcctgctt 70380 tgggctcacc cagatetgat tttgaattet ggctctgcta ctggttagct gcaggagett 70440 ggaaggetet etgageetgt tteeteatet gtaaaattaa agcaataatt tetaacaete 70500 aagagtgtta celeacgeet gtaateecag eactttggag getgaggeag geggateace tgaggteaga agtteaagae eagegtggee aaegtggeaa aaceetgtet etaetaaaaa 70560 70620 70680 atacaaaaag tagcegggea tggtggegeg catetgtaat eecagetaet tgggaggetg 70740 aggcagggat actgctagaa cctgggaggt ggagcgtgca gtgagtggag atcacacctc cacactccag cctggccgac agagcgagac tccatctcaa aaaaaaaaa aaaaagagtg 70800 ttagaaggtt ttgagataat gaataaaga tgccttgtgt atactaagta ttcaacaact gatagctgca ttggtctaat tataacagtt tagaagcgat tgagtcaaca aatgctggat 70860 70920 ttgtcaggga ggacttccta tcaggaggta gatcttgggc tgagtcctga agcaaagata 70980 ggcattggat agaggagttg agagaacacc ctaggactgt tattattatt attcgacacg 71040 71100 gagtetettg etetgteace eaggetggag tgeagtggeg egatetegge teactgeaac ctctgcctcc caggitcaag cgattctcct gcctcctaag tagctgagac tacaggtgtg tgccaccaca cccggctaat ttttatattt ttagtagaga cagagtttca ccatgttggc 71160 71220 catgetggte tegaacteet gaetteaggt gatecaceeg ceteageete ceaaagtget 71280 71340 ggaataacag atgtgageca cegeacecag cecagaacea tttttcaate ettggetetg ccttttatta gctgcaagat ctcaggcaat ttatttaacc tctccaaaga ctcattttct 71400 cattcacaaa atgaggcaaa taataatatc tactatccca ggttgtcatg agaattaaat 71460 gcaacatgac atttaatgaa atgagaagtc ccttggacat taactggcta aagtatgtgc 71520 71580 tcgacaagga tatcattita ggtggatact tagcatctca gaactgatgc tcacaatgga atatcattga aacgcattaa aattcatttt aaatgattgt aggtagtgag gcaattgaaa gaagaagaca agaggactga ttataatgct tcaggctcac tagtctcctt ttaggaggga 71640 71700 aaaacaattt caagttaaat tttaggctct agatttttac ccctgctgct cattagaatc 71760 acccagattg atgaaatcag agcccatctg aggctgtgtt tttcatctcc agaatgagag 71820 71880 ctgttgtggg gattaagttt ttgaaaaagt acatctaaca ggtgatcgaa aatgatagtg atattattgc agtgatggtc attattgttg ttattattat actgaaagag gcttcagttt tctgatccat aaagtgaggg aattgcatga gaccattgct aagattcctt ctagctctgt 71940 72000 ttttttgttt ttgtttttta gacagagtct ctgtcgccca ggctggagtg caatggcatg 72060 atcttggctc actgcaacct ccgcctcccg ggttcaaatg atcctcctgt ctcagcctcc 72120 gaagtagetg ggactacagg cacacaccac catgeceage taacttttat atttttaata gaggtggggt tteaccatat tggteagget ggteteaaac teetgacete aggtgateca ceegeetegg ceteceaaca tgetgggatt acaggeatga geeactgtge ceaacceett 72180 72240 72300 72360 ctagetttet tgateactga ttetagggtt etetgetgaa atatatttga gacateetgg 72420 ataaaagatc atgcaagagc tcccaatatg gtattaataa ttgattctgg aggcttagct actectgatg gattagacat gacteaactg cetetettat gtgtacaaca caacaacaca 72480 accaagaaag gttattctgg cattccattt attcagttta tttacagccc ttacttccag cagcacgtta aagatatggc cagggccggg tgcagtggct caagtctgta atcccaggac 72540 72600 tttgggagge caaggtggge ggatcacaag gtcaggagtt tgagaatetg gcaattette 72660 72720 agacttagaa gcaaccagct cgataacaca gtcttgtgtg ggctctccct ctgtccctcc ctegettece teatttetea tecetgeece tgagaetgtg cacetteaca tagecetgee 72780 atgagacett cateteagge tttgetttet ggggtaactg aggetaaaca etgagtggee etaaaagagg attgggattt ggaagttaga ttatteacea gagaacagae tttgetgatg 72840 72900 atcaggecca ggttgtaatt gttgaaaaaa agagaggatg catagtetta teteatetee 72960









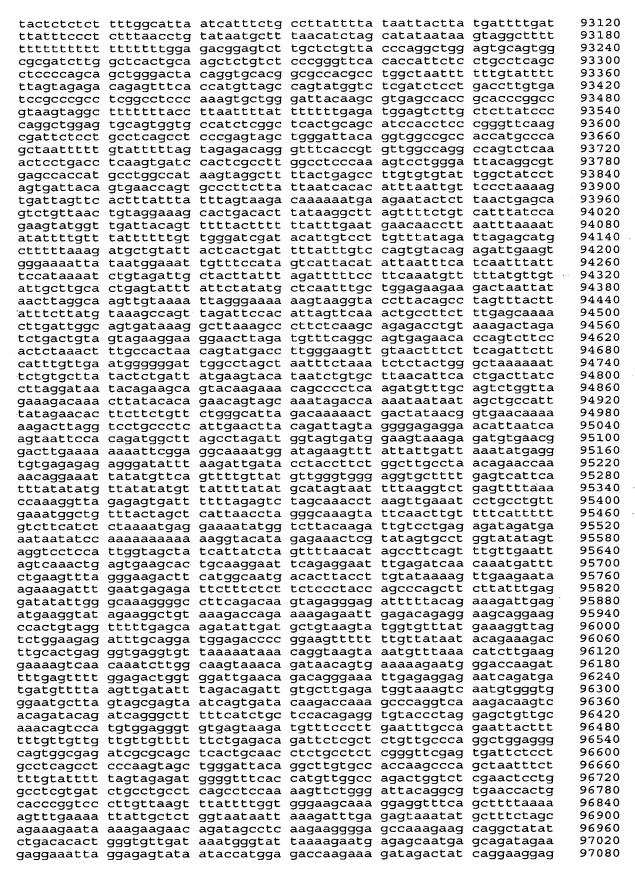




ctcccaagta gctgggatta cccatgcccc accatgcccg gctaattttt gtatttttag 85080 85140 tagaaacggg gcttcaccat gttaggctgg tcttgaaccc ctgacctcaa gtgggcctcc caccteggee teccaaagtg ceaggattae aggeatgage cacegeggee agecagaaat 85200 gggttttgga aaaagcacta aacaaaatcg aacttggttt catatgacag ctctgctgct 85260 aactgtaaca ggggcagacc agttaaccta cttttctgtc ttctgtcagc tgagaattag 85320 atgattccca aaggcccatt gaactctgaa tgactttaaa tacttcttct taagtgggta 85380 85440 cacggttttg gtaactgatg ccaggtgatg aatgcatgaa agtgcttaat gaatgaaacc ggtaaaatag taggaggaag ctttattggt aaggcagggg tatacctaat agctctctaa 85500 tttattggta ttgaagtggt taacttttgt ttttttaagg ggggaaaaca ttctaagaat aatgaggcaa actgcatatt gcacaagaga ctgttgtctc tattcaacaa ataccttttg 85560 85620 85680 agtgtccaga gtctgccagg tgctgtgcta ggccctcacg attgagtagt gaaccagaga 85740 atgtccctgc acccatggag cttattgtct actggggtag acagataata aataagcaaa caaatcttct ctcttctccc tttcgctcca tgtaagtgtg tgtgtatagg tgtatactta caagttgagt aaagtgttat gaaagattaa gaggagaaat gcattttggt tagatgttag aggactcagc aggtgacctt gaaacttaga gctgaaggat cagtaggagg taactagaga 85800 85860 85920 ggccagggaa tcgcatgttc aaaggccagg aggcaagaaa gagcatggtg cccttcaaga 85980 86040 gaggaaagaa ggctactgtg actggagcat agatgtaggc aagtgttggg tgattgagag 86100 ctctacgggc catggttagg ttttattcct aatgccgaga tgccaaacat ggtggttcat 86160 atctgtaatc ccagtatttt aggaggccga ggcaggaata tagcttgaac ccaggagttc 86220 aagaccagcc tgagcaacat gagacctgta caaaacattt aaaaaattgc tgggtatgat ggtgcacacc tgtggtccca gctactcagg aggctgaggc agaaggatca cttgagccta 86280 86340 ggaggtggag gctacaatga gccatatttg agtcactaca ctccagcctg gatgacaaag 86400 tgagaccatg tgtcaaacaa aatacagaaa gaatattaat ttaaaatttt gaaagaggag 86460 tgatctgaac ttatatctta aaaagatcat tctagggcat ggtggctcat gcctgtaatc aagggctttg ggaggctgag acaggaggat cacctgaggc cagttcgaga tcaacctgta 86520 86580 cagcatagag agactccatc tctacaaaaa gaaaaaataa atagctgggt gttgtgagtt attcaggagg ctgaagcaga aagatcactt gagcccagga gtttgaggct gcagtaagct 86640 atgateceae caetgeaaca cagtgagate ttgteteaaa aaaaaaaaaa aateatteta 86700 86760 ggtgcttttt ggaggctgga tgtggtaaga gtagaagctg gagatggtcc tgttagggát tcgattcaga ctttaaatac catcaatgca ttgagtccca aatttacatc actacgttgg 86820 atccttgccc ctgaatccag actggtatat ccaactttag gttcagtttg tatctctacc 86880 86940 tgaccaatat agaggtgtcc agtcttttgg cttccctagg ccacattgga agaagaattg tcttgagcca cacatagagt acactaacgc taacaatagc agatgagcta aaaaaaaatc 87000 gcaaaactta taatgtttta agaaagttta cgaatttgtg ttgggcacat tcagagccat 87060 cctgggccgc gggatggaca agcttaatcc agtagatacc ttcaacttac aatatctaaa 87120 87180 attttatgcc agatttagtc attttaaacc tgctcatcag tttttctcaa gaagtagtat tttggctttt tttcttttct tttttttgag atggagtttc gctcttatcg ttcaagctggagtgcagtgg cggatcttgg ctcactgcaa cctccgcctc ctgggttcaa gtgattctcc 87240 87300 tgcctcagcc tcgcaagtag ctggaattac aggcatgcgc caccatgacc agctaatttt 87360 tggagacagg gtttcaccat gttggtcagg ctggttttgt actcctgacc tcaggtgatc 87420 tgcctgcctc ggcctcccaa aggctgggat tacaggcatg agccaccgct cccggctgca 87480 87540 tttttqqatt tttagttgct cagcccaaaa ctttagtaca tctttgaacc tcttctttcc tectacteta tatetgatee ateageaaat etgttaggte taceteacae atategaaat 87600 cctaccacgt ctcaccatct gtgacaatta acaccctggt ctaggcagtc atctctgtta 87660 87720 agattgagtg gttaaggatg teetetaagg agatgaeatt caaatettag ettaaatgte 87780 aagagggagc tggttttata aagattgagg aggcagcatt attttgccat aggcttccat 87840 ttggtttcca ttccattctt gatacttatg gtatatattc aaaacaaatg cacagaaaca gacccaggta tattgggaat ttcggatata gagttcctag ttgggaaaag atagactgat 87900 ctgtaaatga tgctagttat ccatcatctg gcaaaaaata atttcctgcc tcctctcata 87960 88020 tatctcagat caacagactt tttctgttaa gggccaaatc ataaatattt taggctttcc agaccatatg gtttctgtca cactctcctt tatccttgaa gccatagaca atatgtaaac aaatgggcat ggctgtgcta cgataaaact ttacttacaa aaactggtag tgggccagtt 88080 88140 taggcatggc cagcactttg ggaggctaag gcagatggat cacttggggt caggagtttg 88200 88260 agaccagcct ggccaacatg gtgaaaccct gtctctacta aaaatacaaa aaatagctgg gcatggtggt gggtgtctat aattccagct actctggagg ctaagacaca agaatcactt 88320 gaacccagga ggcagaggtt gcagtgagct gagatagcac cactgcactc cagccagggt 88380 gacggagtct taaagcaaaa caaaacaaaa ggtagtgggt tgtatttggc ccatgggctg 88440 88500 tagittgcca atccctgatg cagaaacaaa ttccaggtaa ataagagcct ggaatgttaa aaaaacaaaa cttgaagtca tgtagaagaa caggtagggg gaacaatcct gatctcagga 88560 taggaaggga tattgcttaa aataagacac aggaaaatat aatccatgtt gtgtaaattt 88620 88680 gactacgtta aaacttaaaa ctttcgccaa gcgcggtggc tcacgcctgt aataccagta ctttgggagg ccgaggtgag cagatcacca ggtcaggaga ttgagaccat cctggctaac 88740 acggtgaaac cccgtctcta ctaaaaatac aaaacattag ccgggcgtgg tggcgggcgc 88800 ctgtagtccc agctacttgg gaggctgagg caggagaatg gcctgaaccc gggaggcgaa 88860 88920 gcttgcagtg agctgagatc gcgccactgc actccagcct gggcgacaga gtgagattcc gtctcaaaaa aacaaaacaa aacaaagcaa aaaacctaaa actttcatac aataaagtat 88980 acctaagata cttctagaag agaagattta catccaggac gtgtatggaa tttctgcaag 89040



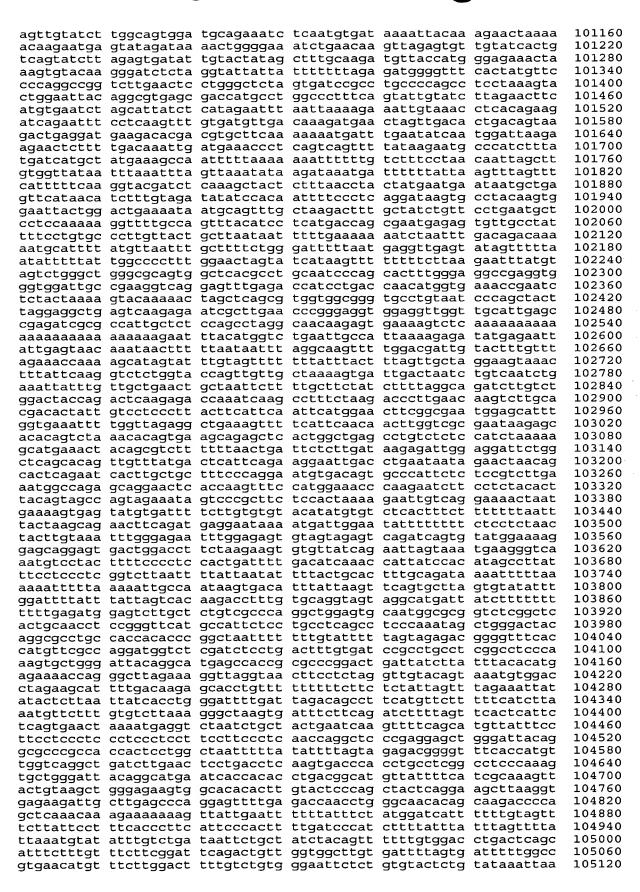
89100 taataagtaa aagacaaggg acatgaagag gcagttcaca aaagaggaag ccaaaatgac 89160 caataaacat gaaaggatgt ttaacctcaa aggaaacaag gaaatgaatt aaaaacatca 89220 aatgccattt caaaactagt aagttggcaa aattaaaaat accaaggatg agaatatgaa gcatggctat atgagtgcat ggaatggtac agtcactttc attaaaaatg cacataattt 89280 gttttttatt tatttttttg agacagtcta tgtcgcccag gctagaatgc agtggcatga tctcggctca ccacaatctc tgcctcctgg gttcaagcaa ttctcctgcc tcagcctcct 89340 89400 gagtagctgg gattacaggc acatgccaca acgcccggtt aagttttgta tttttagtag 89460 agacagggtt ttgccatgtt ggccaggctg gtctcgaact cctgacctca ggtgagctgc 89520 ttcccaaagt gctgggatta gaggcgtgag ccaatgctcc tggctgaaaa aaatgcacat aatttgttac ctagcaattc catgtctaga ggcttatcct agagaaattc ttgcttatat 89580 89640 gcataggaag acgtgtacta gaatgttcac tagttgaatg tttaagtgaa aattaggaaa 89700 89760 taaagtaaat gttcattaac aggaaaatga gtaaaggtat atttataaaa caattaagta gctaaaatga ataaactaga gctgcgtgaa tgaactagaa ctggttcaat agtcatgtca 89820 89880 89940 cageteactg caacetecae etcetgggtt aaagtgatte teetgeetea geeteecgag 90000 tagttgggat tacaggcatg caccaccatg cccagctcat tttcctattt ttagtggcca 90060 cagggtttca ccatgttggc caggctggtc ttgaactcct gacctcaagt gttccaccca 90120 acttggcctc ccaaagtgct aggattacag gcgtgagcca ccgtgctcag ccatttgcgt gatttttaaa gatgtgcaga ataatgccat taaaaaaaat acacatacat gtatatata 90180 90240 acacgtttgg ctgggtgtgg tggctcacac ctgtaatccc agcactttgg gaggctgagg 90300 90360 caggaggate acttgageee aggtgtacaa gactageetg ggegagatag caagaeeeea 90420 teteaacaac agaaaggata attaggtatg gtggcatgag aggateaett gageecagga 90480 gttcgagtgt tatcaggcca ctgcactcta gcctggacaa caaagcaaga ccgtgtctca 90540 aaaaaataaa aataaaaagt atttgtatgt ggtcatagtc aaaaaacgta catggaagga 90600 aaatgtcttt atttatttat ttatttttt ttttttaaga cagagtcttg ctctgtcacc caggetgggg tacagtggtg taatetcage teacegeaat eteggeetee egggtteaag 90660 cgattettet geeteageet tetaagtage tgggaetaca ggtaccegee accacaceet 90720 90780 gctaattctt gtgttttcag tagagacagg gtttcaccat gttggcaagg ctggtctcga actectgace ttaagtgage caceegeett ggeeteecaa agteetggga ttacaggtgt 90840 gagccactgc gcttggccag gaaatatcta atttagtaag tatttatatc tgggaaagga agggtcaggt ggtgattcat aggaactcta aagtctatgt ataatactta gggggacaga 90900 90960 aggaaataaa gcaaaatgct gatatttgat tgttgagttg tgtatatgtt agaagtataa 91020 91080 cataggagat ctgattgata gtaggagaat gtttttaggt ggtaaaaagtg gaaccgtggt qqtttqtttt qgcaqtaqaa tcagttggtc atagtttgta tgtggaaggt aataaacaga 91140 91200 ccatgttaag gatgacttcc ggaattttgg tctgagtagt gggtggatga cagtgtcatt catgagggaa gatgaagact gaggtaggaa caggtttggg agaagatgac atgttccctt ttagacaagt ggaattatgg aagatggcag gtaggtggtt agctatatga atttgagata 91260 91320 aaagatttag gatggagata taaatttagg agtaacagcg tatctatggt attgtaagcc 91380 91440 ttaagaatgg gtaggatcag ccaggaaata cagatgtata tgcagaagag aggagtcaag gaagccaaga caagttaatg tttaaagtga gtgatgtagt ccatgggcag atgctgctga gagggctgca aacaccagtg accctacaac attttaaat gtcgtcttcc tgacagcagt gatcagtacc tgcaacgatc ttatttattt ttttcatgtt agtctccaca cacttgaatg 91500 🐇 91560 91620 91680 tagacttttt gaaggcaaaa tcattgcctt ttctgagctg ggagcatgtc tggcacatac 91740 caagcactca acagttgatg tattgacttc atccagatac tctgagggcg agttatttcc tgclactage ettleacett teaatgttta agageacaaa tacagagatg ggcacgtttt 91800 ggcatttctt attttgataa ccttttcctg gtaagatttt ttaatgttga aaaaaaaaa caagaaaaga gggttaaaaa tagtcttatg tcagatcctg tgatagaatt cacacttggc 91860 91920 91980 ttaagctgct gggcaccttc ctatcttgga tgtcatatta gcttatctac agcagaattt ttactgtttt atgtagtaag gaagcaatta tatgattatt ttacagacaa attattcttt 92040 atcttttatt tttttagacg gagtetetet ttgtetecca ggetggagta cagtgtegeg atcteggete actgeaacet cegeeteetg ggtteaagea attetetgee teageeteee 92100 92160 aagtagetgg gettacaggt gteegecace acaeccaget cattgttttg tatttttagt 92220 92280 agagatgggg tttcaccatg ttggccaggc tggtcttgag ctactgacct caggtgatcc accegeettg geateecaaa gtgetggaat tacaggegtg agecacegtg cetggeecag 92340 acaaattatt atactctgag tgttagaggc ttaggatgtt ttcacttgat gctatgggag 92400 gaataagtaa taagatatga tacacaacca aagacctttc ttcactatgc ttctagtagc 92460 92520 tagtactatg gatgacacat ggtaataata ttggttagca tttgtcctca atttactgtg ctagttactc ttctaagccc cttacaggta tatatttttt ttcatcaata atcctctaag 92580 gtagttttta ttattgacct aattttataa atcaagaaaa ttaagaccca gagaagtaag 92640 taacttgtcc aagatcacat ggcttataag tggtagagcc agaatttgac cccagatgtt gtgactacat tgtctctcca taagcaggtt caactctttt gactggatgc tgttccaagg 92700 92760 teactteett agagaageet ttgetgacaa etaceeteet gtgeeeteet eeaaggetgt 92820 92880 ccattgttct agaactttga atactcatct tagaataaag ctggtctaat ttttacagtg ttatagaatg gatctctgac tgcaaaagtt ggtcataatt atcttttat gttctagtga 92940 aaggcaaaga acaagagaag acctcagatg tgaagtccat taaaggtaag ttctgccctt ggcagtccac tgcattaaaa agtgatgtgc tttgcatttg tgagttcttt aatcctgtta 93000 93060

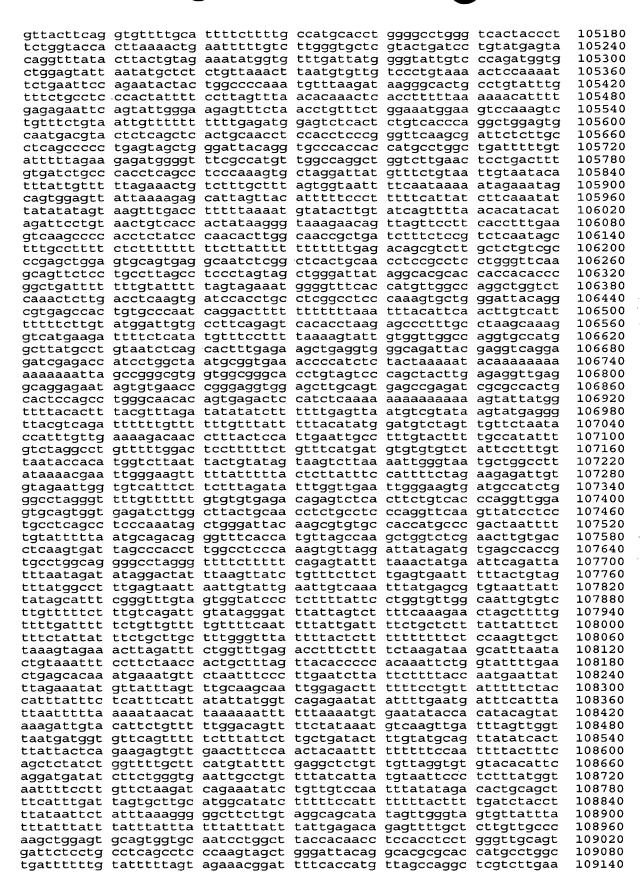


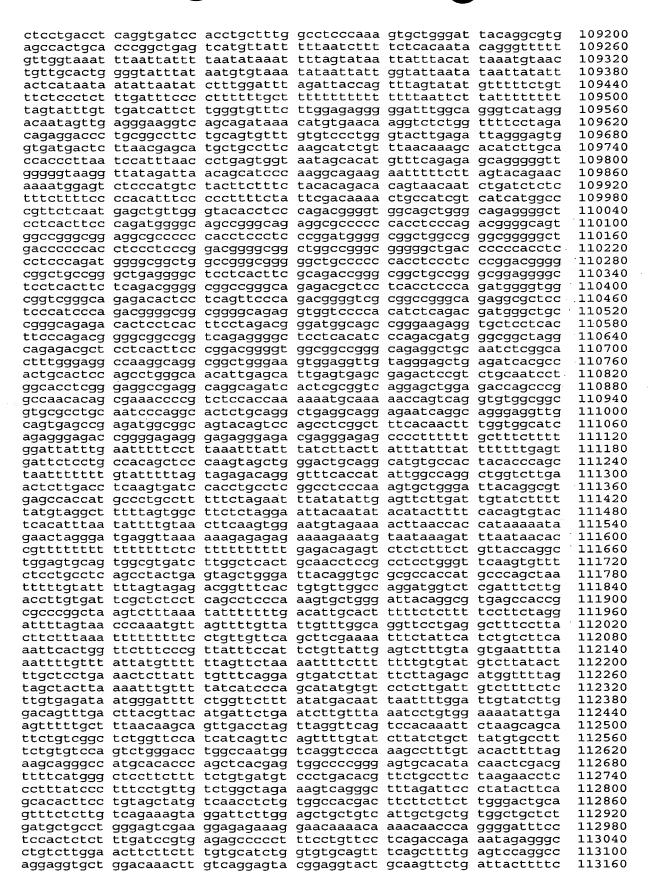


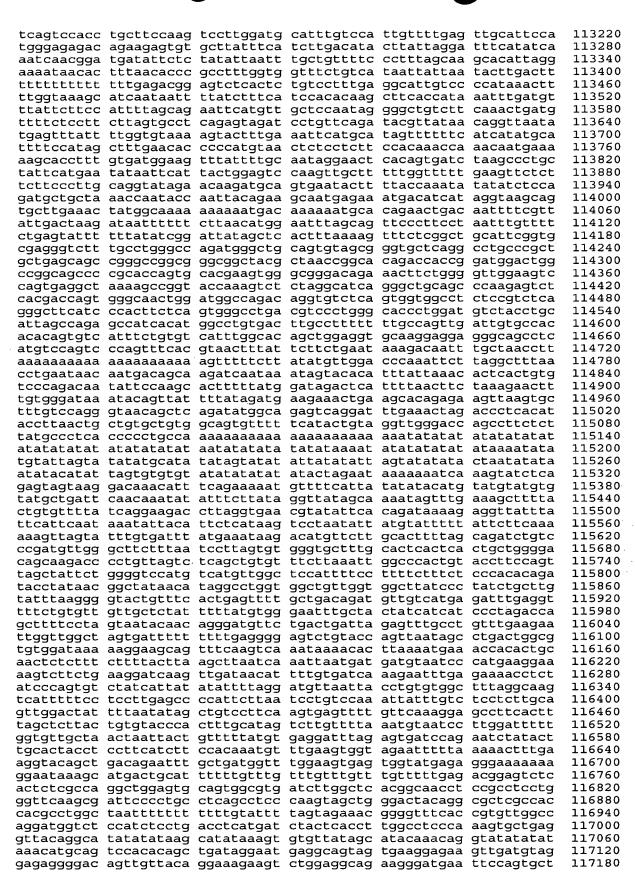


97140 tgqtaaaaat aagttactag ttctaagaga gatgttaaga gggaccgggg aaagccttgt acaaatgagt tagtagcatt ttacattata tacatctaat taagaaacaa tgcgagagtc 97200 97260 tcaccattcc tatagactct tacttgtact tgtctgaaca cgaaaactgg cttttgttta taaataaget aaaaattatt ttgeteeaat tteteatgaa aataaaaata aacettettt 97320 97380 taacattgaa aaaatagttt gaagacagtc actetteatt ttgtaattee cacaactatt attgaatgac tgaaattatc tttattctga agccaaaggg gtgatactga tatttcttca 97440 97500 qactactaaa aatatatttt atgaattttt agtgtgcttt atcttttttt gtttttttt ttgagatgga gtttcactcc cgttgctcag gctggagggc agtggtgcaa tctcagctca 97560 ctgcaacctt cgcctcccag attcaagcaa ttctcctgcc tcggtctccc aagtagctgg gattacaggc acctgcccc acaccagct aattttttgt atttttagta gagacagggt 97620 97680 ttcaccatgt tggtcaggct ggtcttgaac tcctgacctc aggtgatcca cccaccttgg 97740 cctcccaaag tactgcgatt gcaggcatga gccaccatgc ctggcctgag gaatattttt 97800 ctaggttccc cccacccaa gcatttattc tgcaatttta gttttgttcc taaagcaagc 97860 aaggittaag gatttaaaaa taatccgtat titagaatgc titctggctt tgttactitt tatccacagt agaagttctc agagaatgat ctccctcttt taatttaact tittggcaca 97920 97980 98040 gtattttgag aattataaat aatattagaa tgttttctgg ctgggtgtgg tggctcatgc ctgtaatcct ggctacttgg gaggctgagg caggagaatc acttgaacat gggaggcaga 98100 ggitgcagtg agccgaggic atgccactgc actccagcct gggtgacaga gcaagactct 98160 gtctgggaaa aaaaaaaaaa aaaaaaagag tgttttcttt cctattttcc accacttgat 98220 taagttactt ttcctcttaa gtattttttg ctgagtatgc tgacttaaga gtaatgttac 98280 aaaatttaat ttttaaagtt ctctgaaagc ccctttatga gagttttagg ctatcaaatt 98340 gtgtttaatt cttaacaatt ttttgaaaaa ttatagcttc aatatccgta cattccccac 98400 aaaaaagcac taaaaatcat gccttgctgg aggctgcagg accaagtcat gttgcaatca atgccatttc tgccaacatg gactcctttt caagtagcag gacagccaca cttaagaagc 98460 98520 agccaagcca catggaggcc gctcattttg gtgacctggg taagtaacta tcattttta 98580 ttaacttgta ttagaaggat ttgagtacaa tatgtgaaac ttctgtcata ggatacagaa 98640 ctatataatt ggaaagtgct ttggaaaaaa tgtatttaaa ataacagcta caagtataat 98700 98760 gggtagctgt gttgtgttcc tgtaaatata gaatataaag catgcccagt agaaaaacaa gcatttccag aagaaatata tctgatcact aaatataaat atatgaaaaa gatgtctcac 98820 tttattactg agggaagtge aaattaaaat aatcagttaa tgtteteeta acacattage 98880 atatttttta aagtttgaca atttgaatgt cagtgaagat gcagggaaat acccctccta 98940 99000 99060 99120 tatgtatgta tgtatgttga aggctattca ttatagtatt gtttgtgata gcaaaaaatt 99180 99240 atggacaaca tataaatatc tgttataggg aaataaccaa attgtggtat acgcatgctc tggagtataa tatagccatt tgtttctatt tatttatttt cttgagacag ggttttactc 99300 99360 tgttgcccag gctggagtgc agtggtatga tcatggttca ctgcagcctt cacctcctgg gcacaagcca ttctctcgcc tcagcctcca gagttactag gactgcaggc atgtgtcacc 99420 99480 acacccagat aattitttaa tittitgtag agacagggtc tcactatgtt gcctaagctg gtctcaaact cctggcctca agcaattctc ccacacaggc ctcccaaagt gctgggatta 99540 ccaacgtgaa ccaccacacc tggttcagtg tagccattta gaaatctaaa aaagacgtgg gaaaatgtct aaggcatgtt taaatgtgag aaaagcaagt cacagtatgc atggtaaaat 99600 99660 ccgttatatt aaaataagtt cttccaaaac aaaaacatat gcaggagacc tttattttgt 99720 99780 cagtatttct tacccaaatt tctgcactta gaaaattgca tgtcatgttg tcataagttg 99840 aaaaaaagat ccatgaacca atggacttct aataaaatca gtcctgcttt tgacatctct ctctactttt gtgtatattc aaaccagagt gtcaatgtgt ttgtggggca cacttagcaa taatacatag cagacaaaat gcatatagct cagagagtaa aattgtaagt tttgctagat 99900 99960 cactcataaa ttgctgatga gaatttaaaa tggtgcagat gctctggaaa acaggcagtt 100020 tetttette ttittitit tettttgag acagggtete actetgttge geaggetgga 100080 gtacagtggc gtgattacaa ctcactgcag cctcaccctc ctcaggttca ggtgatcctc 100140 cctcagtctc ctgagtagct gggactatag gcatgcacca ccacgcctgg ctaatttttg 100200 tattttttt tttttttt gtagagacgg ggtttcgcca tgtttcccag gctggtctca 100260 100320 aactcctgga atcaagcgat ccacttgcgt aggcctccca aagtgctggg attacgggcg tgagctactg tgcctggcct aggcagtttg tttgtttgtt tgtttgtttg tttatttatt 100380 tgtagacgga gtctcacagg ctggagtgca gtggcccaat ttttggctca ctgcaacctc cgcctcccag gttcaagcta ttctcctgcc tcagcctcct gagtagctgg gatgacaggt 100440 100500 gcctgccata atgcctggct gatttttgta tatttagtag atatggggtt tcaccatgtt 100560 ggtcaggctg gttttgaact cctgacctca ggtgatcagc ccgcctcggc ctcccaaagt 100620 gctgggatta caggcatgag ccgtcatccc tggctggtgg tttcttatga cgtgaaacat 100680 gcaattacca tatgacctag cagttgcact ctgtatttat cccagataaa tgaaaactta 100740 ccttccaata aaaacctgtg cacaaatgtt catagcagct taatattgaa aaactggatg 100800 ttcttcagca ggtgaatgaa ctggttcatt cataccatgg aataccattc agcaataaaa 100860 100920 aggaacaaac tgttgataca tttaaccacc tggatgaata tcaagggaat tatgctgtca 100980 gacaaaaacc agtccctaaa gactacatat agtatgattc cgtttggata atattcttga aatagagaaa ttaagagaaa tgaaaagatt agtgtttgcc agatgttaga gacagggagg 101040 tgagagggt aagtgggtgt agttataaaa gtgcaacatg agggatcttt gtgatgttga 101100











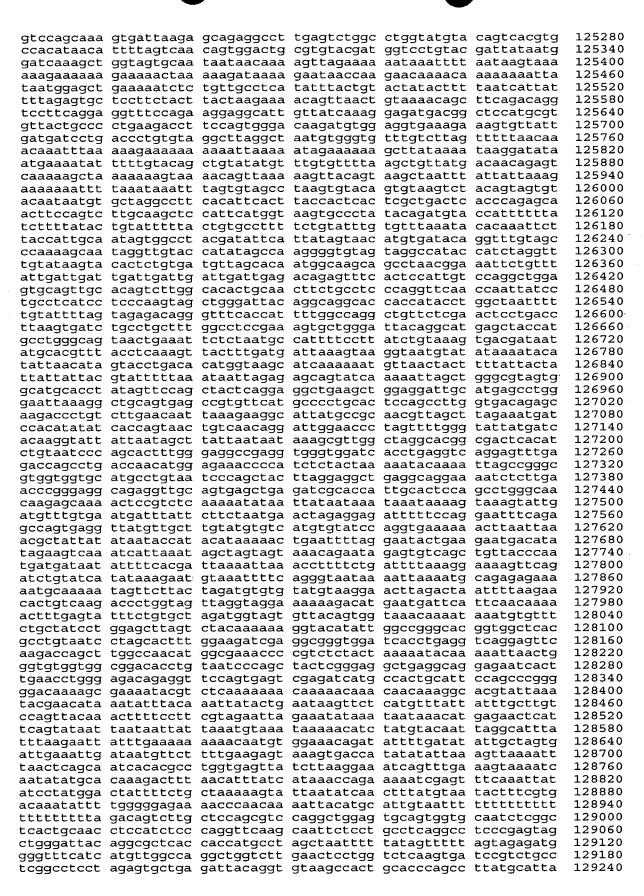


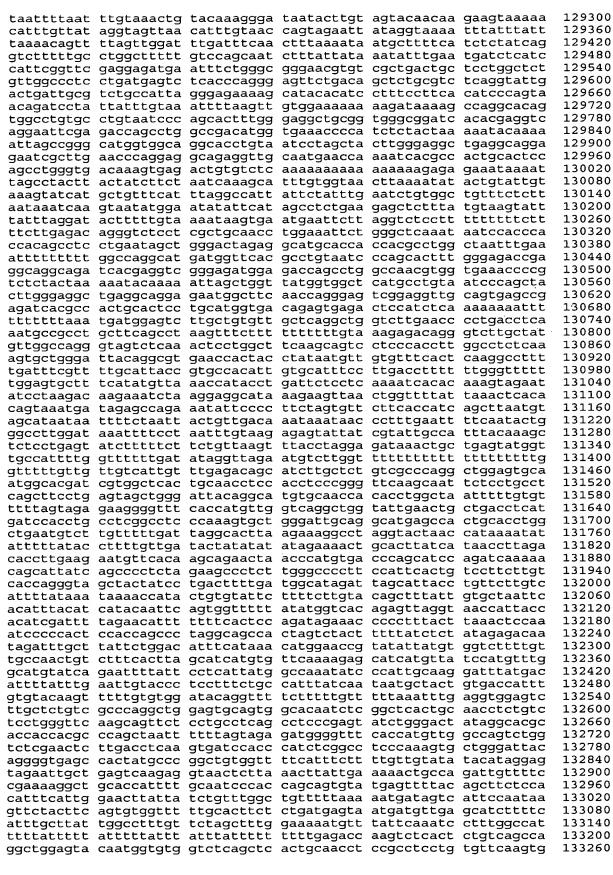
cacatagaag attgcttaga tgggagcaag gacaatttat ctagagtcac aggaaagaat 117240 gcagtacacg ggtagagatg caggtgagtt gaaagatgtg agagatgatg gaaataattt 117300 tctgattgct tctatattct caaggaagca ggaagcaaag tcctcagcaa agagaataga 117360 agaggtgtta aatatttgag aaaggagatg tactgtagaa aaaaaaaaa ctcagtttct 117420 cettetgaac teteacaaaa cagaaceett ecatgaetet agttgtgtgg ggttttttee etgteageta ecaattetge agatgattgt teagtgaaca ecaaetgggt gteetetaag 117480 117540 tcagttcagt tctcacactg tttacctgga gatagcatca gatcccacag attgaggact 117600 ctgtcccaca agactgcctc cacttcagat gccagtctca agtacaagtt gtggcctgtg 117660 117720 cttctgactg accttctata aattggagtt cccacagtcc cctccttggg ttcaataaat ttgctagage ageteteaga aeteagggaa atgetttaea tatatttaee catttattat 117780 aaaggatatt acaaaggata cagattgaac aggcagatgg aagagatgca tgggcaaggt 117840 atgggagagg ggcacagagc ttccatgcac tctccaggtc atgccaccct ccaagaacct 117900 ctacagatti agetatteag aageceeet eeceattetg teettttggg ttttttgtgg 117960 agacticatt atataggcat gattgatcat tggctattgg tgatcagctc aaccttcagc cccctcatcc cgggaggttg gtgggtaggg ctgaaagtcc caaacgtgta attctgcctt 118020 118080 ggtctttctg gtgattagcc ctcatcctaa agctctttag aggccacagc cacaagtcat 118140 ctcattagcc ttcaaaagaa tccagagatt ccatgaattt taggcgctgt atgctaagaa 118200 actggctaaa ggccagtigc aatgictcag gcctgtaatc ccagcactit gggaggctga 118260 ggcaggagga tcgtttcagg ccatgagatc aaaaccagcc tggtcaacat agtgagaccc 118320 ccttacaaaa aatttaaaaa ttggccaggc gtaatagctc ttgtctgtag tctcagctac 118380 tcagaagget gaggatcact gagceetgga gttgaaggea geagtgagee atgategtge 118440 118500 cactgactcc ggcttgggtg acaaagtgag accttgtctc agaagaaaaa ggaaaaaaaa aaaactgggc aaagactaaa taacatattt cacagtatca cagatttgta ttgtctagga 118560 aagtgaatgt aaacagacca ggacactagt atgatccctt ggtttcatga aggtcccact 118620 aaagtcatga acacaaagtg agactaggca tcatgttata tggtttttcc agccatgttt 118680 aacagctagc taaatagcta attgtttcgc tgcagtttat tttagcagtt ccttatttta 118740 gcacatttca tgttttaaaa tttctaccaa taacatttta ataaactttt ttacagataa 118800 cttcacaaat ccataatttt ttaagttaca atcccagaaa tagaattgct cattgaaagg 118860 gtatgttcat ttttaaagtt atgctagaaa ctgccaaatt gccttcagaa aaaggtgttt 118920 gtatccccac taacactagt gttagttttc ttgtgccctt gctcaagtat acatattatt 118980 aaaaacaatg ttgggccagt ttactagata aaaggtgtag tgcctcctta ttctaatcta 119040 tttgattact agtgagtatg tatgtctttt cacgttggtc attttatgtt tgttcctttg 119100 tggattgtca tgtcctttgc tcatttttct tttggaacat ttcttagtag tttataagag 119160 ctcttggtat tttaatgata gtaacctttt aactgtcatg catgctgcaa atctttttc 119220 tgtttgtttg cctttgtatt ttgtttttgg agggtttcta tgtataggaa ttaaatttta 119280 119340 tgttgttaaa tcttttgatt tctgcttttg catatgtact tcaaaagact ttctatttta agatcaagtg ttacctgtat tttcttttag ttctatttaa aacctcttaa tttatatgcc tgtgctgtta actcccaagt tgattcacaa gtgtgtatac atagtttgaa tttagtggca 119400 119460 atttaattat ttacaacttc ttttgcagca aggatttgtg gagaagatgg acaggtggat 119520 119580 cccaactgtt tcgttttggc acagtccata gtctttagtg caatggagca agagtaagtt agttcatatt ttcacattgt gcatcctagg gaatttgggt tcattgttag gaatgggctt cactcagcta aaaacaaagt atttttgaga atttaaatat tttggatatt tacaagatca 119640 119700. tataaagcat actctatctt ggttaacagt ttcttttaaa tataaattat gtgaactctt 119760 aaaattitca ttttcatttt caatgttaat atttcctaag ttaaaataat ttgtttttag 119820 119880 ttctgaaata atttggggag tgattgagtc tgtagtgatt atgactatta gaattggttt atttatttaa ataatgcatg tetteagatg geteteetaa tttgttagtt aggetttaag etaaatggat getatataae taaateeaca tagatttgtt gaaatggete eagaggtttt 119940 120000 ttagatttat tactgctatg tgcccttaaa aaaaatctat tcattctttc acttaacatt 120060 tatcagaaga gtgctctgtg taagacgtgg ttaggcatag tgccagtctt gaaggaagtt 120120 acagcetaat aaaagacata gggcatgttg tttggttact gtaatatgaa gtggcatgtg ttaaatgtca ggggagaact acaaagtcat aaaaaggtgg gagagattac atacaggtaa aggaatcagg aatgacacca tggggagtaa ggtagtgttg acctaggcet ttaagataca 120180 120240 120300 ataggacag tatggaaaga gtatattttt cccacttaaa ctctttcctt ggtcqttccc 120360 120420 tcaaattttc ccttttgtcc atgtgcaggc actttagtga gtttctgcga agtcaccatt 120480 tetgtaaata eeagattgaa gtgetgaeea gtggaaetgt ttaeetgget gaeattetet totgtgagtc agccctcttt tatttctctg aggtaaagtc tgcatttctt ttcacactct 120540 attegageat tecageetet aactateaat getggggeee tgtetatagg aaataacaca 120600 gaagagccaa gtcatttcca aaaagatgta tcattgtttc aagttgtttc tgatggcaag 120660 120720 agtaatttaa taatatta gagagaacat gaaaattcaa tgtattaaat aactctaatt ttgagaaacc taattaaact actgcatgta agagagtgca tgtttttaat tatttggagc 120780 tattttaaaa ccacagaatt tgaaacttgc ttccagtgca taaattgcag accagacttc 120840 agaagagaaa aaaagtagta aattttttct tatgctcatc atttttactt tagtcacttg 120900 ataggattgc ccagtgaaga agcatttgca acagacaatg agtatattaa tctttttgag 120960 gcatacagtt tagtataatg ctctttgtta ggcttcaaca agtgaaatta ttttgttgga 121020 121080 aagcaaatga ctattaagta gaaagaggat tcccagtctc acaaagcagt aatttagaca ctegattetg cetetttaca agaatacagg tactcagttg atttgtttte teactceett 121140 totitgetat aagtttaaat caacaatttg tttaggttaa tatgtcctca tggaatggtg 121200





gaaatgatca gatataaaat atttggtttg gttagtttac tctttatatg tttgctggca 121260 aggaaccaca aatccagttt agtataattt ttactctagt tcactaaaag tttgcatcca 121320 121380 gctgtgtagg tagtgtttgt ttcttgttaa cttttttttc gtctaaaaga atactttaaa acttttcaat ctcaaatgac tgtaacttgc tgacaggtgt taacagaaga agtagatctt 121440 tttgtttttt gcttatgacc tgtattttaa tatttgagct tatagattag agattgtgag agaaatctgt ttatagtctt attttccctt gtgtattttt tcttcctagt acatggaaaa 121500 121560 agaggatgca gtgaatatct tacaattctg gttggcagca gataacttcc agtctcagct 121620 121680 tgctgccaaa aagggccaat atgatggaca ggaggcacag aatgatgcca tgattttata tgacaagtga gttatattga tagatggatt cagcagatac ttattgaaca tttgatatgt 121740 121800 titgtggaaa taaagatgaa taaactcagt ctctgttgtc aaggagctca caggaggcag cataaaagct gcttttatat ggtgtttgta aagctttggg ggttcttaga acaaaagttt 121860 ctqctqqqaa aggqgaggtg tatgtggggt aaacaggatg gcaatggtgg tgttcaagga 121920 gtgtttccca gaagagagat tttgtttgga tcccaaagaa agaagggaat tttgctaccc 121980 122040 agagaaggca gaaaacaaca ttctaggcaa aggcattggc ccagaagcca tggaaacgta ggggaaagtg gcactttcaa gaaacttgag tttagataat caaaggagtg gggaataaat atgaggatgc tggtactaat tggaatagat tgtaagggac cttgaatgcc tatttatggg 122100 122160 tatattatac tttctgtata aatctgctca ggcacgttgt taattagttt tttattagtt 122220 122280 ttcactgaaa atgagaggat ggaaacatca tacagtaaac aaaattgaaa atatctggtc aggcagatga tgagcttgtg gccagctctg taacgtatgg tattcttttc atttaacttt tcttactctg taaaaaaagt aattcgtggt cgggcacggt ggctcactcc tgtaatcaca 122340 122400 acactttgag aggcagaggc aggtgaatcg cttgagccca ggaatttgag accagcctgg 122460 qcaacatggc aaaacccgcc tttactaaaa atacaaaaat tagctgagcg tgatggcgtg 122520 cgcctgttgt cctagctact taggggcctg aggcagaagg atcacctgag ccttgggagg 122580 togaggetge agtgagetgt gatecactgt actecacect gggeagggea gtagagtgag accetgtete caaaaaaaaa aaaaacaaca aaggtaattt gttatttgta teettaagea 122640 122700 aatgctaaag gggtaacttg gggatagaga aaagtccaca gatgttaggg tttgaagaca 122760 ctaatagtat ctaggccagt ggttcctgaa cattagtctg tgggctcttg ctgggctgtc 122820 tgcataggaa tcacctgaga gcttattaaa aataggtttt caggctggtt gcggtggctc 122880 122940 acqcctataa tcccagcact ttgggaggct gaggcaggcg gattacttga ggtcaggcgt tcaagaccag cctggccaac atggtaaaac cccgtctcta ctaaaaatac aagaattagc 123000 caggeatgat ggeacacace tgtaatecea getaeteagg aggetgagga aggagaattg 123060 ctcgagcccg ggaggtggag gttgcagtga gcggagatca tgccactgca ctccaggctg 123120 gctgacagag ggagactctg tctcagaaaa aaaaaaaaa ataggttttc agtctgggta ccggtggctc acacctgtaa tcccagcact ttgggaggcc aaggcaggca gatcacttga 123180 123240 ggtcaggagt ttgagaactg cctggccaac atagtgaaac cttgtctcta ctagaaacta 123300 123360 caaaaaatta actgggcatt ttgacgggtg cctataatcc cagctactag ggaggctgag gcaggagaat tgcttgaacc cgggaggcag aggactgcat ctcaaaaaaa aaaaaaaaa aaaggtttcc agtccccctg tctcagaaat tctgattctg caggtttgag gtgtgaccag 123420 123480 gaatetttat tittagaaga cataccagat aattetgata aatagecagt ttagggatgt 123540 agtictaattt ticctattttg caagtaagga aaataaggic cagagaggta atgattttict 123600 caaagtcaca gaacaagtta gtggcagaat ttggactgga atgcagttct taatgttctg 123660 tccagtgttt attctggtac agtatgtttg tagaaggtat tacgtaagaa acattgttat atagatgttg agataggaag agtttacatt tagaaatttg gtctaaaatg cctgaacatt 123720 123780 caagtegtgg aggagtattg accaacttac teaatacaac ataggagatt cacattttgt 123840 123900 tacaaaaatg ctgatttaaa aggagagttt tctttttttt cttcttttt atttttgag 123960 atggagtett getetgteae ceaggetaga gtgeagtgae aegateteag eteaetgeaa 124020 cciccacctc ctgggttcaa gcggttctcc tgcctcagcc tcctgagtag ctgggattac aggtgggggc caccacgccc agctaatttt tgtattttta gtagagacag ggtttcacca 124080 tgttggccag gccggtcttg aactcctgac ctcaagtgat ccacccacca ctgcctccca 124140 124200 aagtgctggg attataggcg tgagccactg tgcccagcct gcttgttttt gtatcatata tatgcatcat cataatcatg cattatcaac ctttgtattt ctgtcaggac atagaaacca ttagagtgct tggaagagag ccttttttt tttctcgcat ttaatgcttt ttttggtatt 124260 124320 catttcataa tcagcttacc aaaacattac ctgcattata ccccatcaag gtagaaatct 124380 124440 ttgtgttatc aatattggtt actccctttc cacaccgagt catcagtaag tcctgttcta tocaaatagg toatatgcat ctageteace ecteagtget gttttgtttt gaatttgtae 124500 124560 aagttctcag ctcgcttttt agggaaaatg accatgtctt cctttcctat aaattccttt 124620 ctatctatca agtoctcaac agagaatagg tacccataaa tatgtgattg ttagtttctt 124680 tqcctcaqtt gtagtctgat ccttacagct tttaaacaac agtagagttc accgtcaaga 124740 actaaggatg gttggcaggc agatagaaag gtagcaagtt gacccaacta tctctgggga 124800 agtgggaaca aagaaaggtt acatcagcac tgtcatcaca tagctctata gttctaggcc 124860 tgcaggctca atcaagtage ettgtataag attetetgga ggaggtgetg aaagttgett 124920 atacttgcta tggaatttga ttttacttcg gatatctttt taccataggt acttctccct 124980 125040 ccaagccaca catcctcttg gatttgatga tgttgtacga ttagaaattg aatccaatat ctgcagggaa ggtgggccac tccccaactg tttcacaact ccattacgtc aggcctggac 125100 aaccatggag aaggtaaccc agaacttcaa acgtatcaaa ctacaagaag ttttattggt 125160 125220 agaactcata aaatataagg tgggaaaacc aagcagaata gcacagtgga aattgaagca

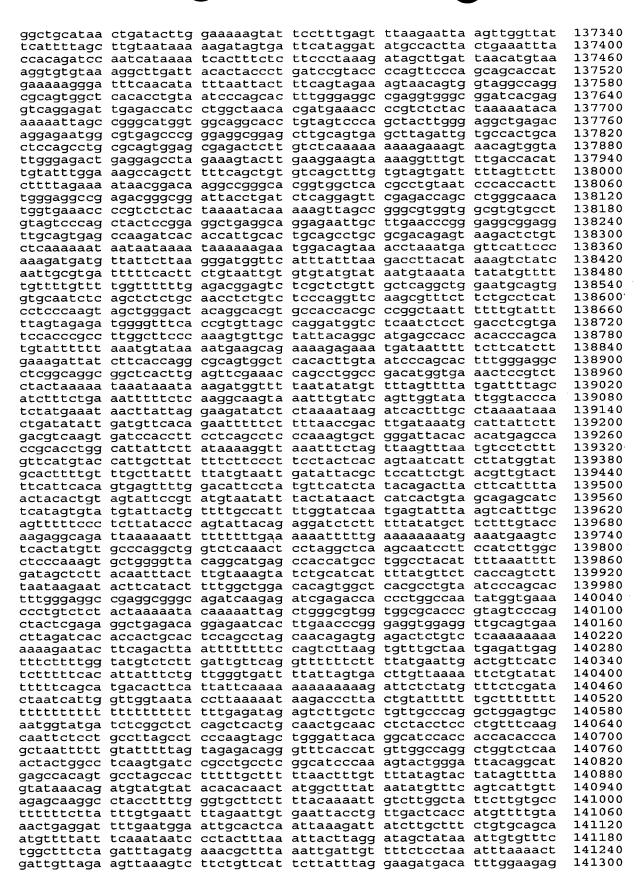








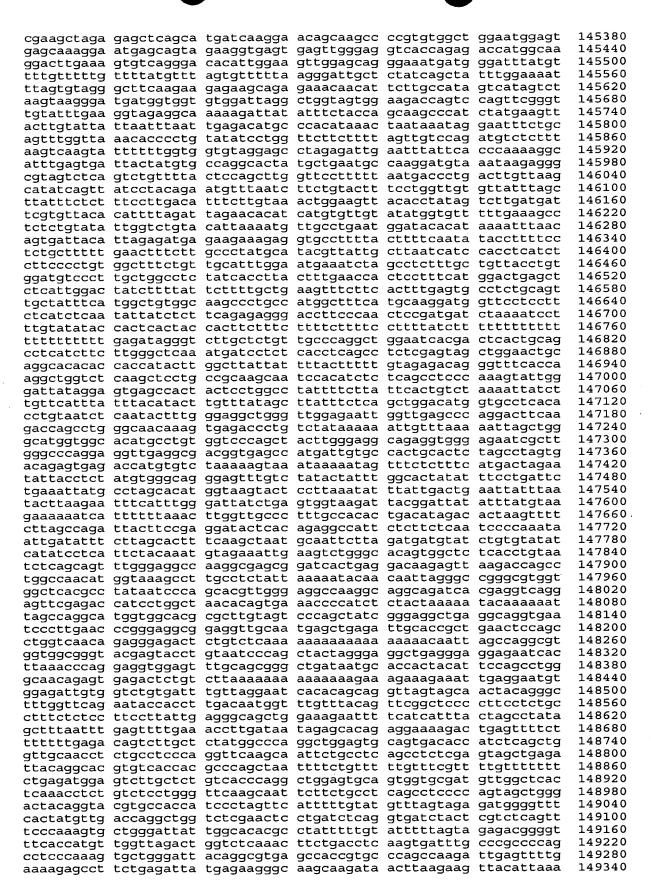
atteteetge eteageetee egagtagetg ggattacatt teaggeacet geeageatge 133320 cgggctgatt tttgtatttt tactagtgac agggtttcac catgttagcc aggctggtca 133380 caaactectg acctcaggtg atctgeetge ctaggettee caaagtgetg ggattacagg 133440 cgtgagccat tgggcccagc ctagattttc ttttttcttt tttttttga gaaggagtct 133500 tgctcttgtt gcccaggctg gagtgcaatg gcacaatctt ggctcactgc aacctctgcc tcctgggttc aagcgatttt cctgcctcag cctccccagt agctgggatt acaggtgcct 133560 133620 accaccacac ccagctaact tttgtatttt ttttagagac agggtttcac catgitggcc 133680 aggetggtet caacteetga cetcaggtga tecacetgee ttggeeteee gaagtgetgg 133740 gattaccggc atgagetace aggeccagee aattttetea ttatattgee caggetggte 133800 tcaaactect gggttcaagt gatectectg cettggeete ceaaagtgtg gggagtacag gegtgageea cettgeteag eeeetttgee catttttaaa ttagattgee tttttatatt 133860 133920 gagtttcagg agtcctttat atattctaga taaatgtccc ttatcaaatt atattatttc 133980 caggtatttt cttcattctg tgagttgtct ttcctctacc ttttaaaaaa ggtgggtttt 134040 tgtttgtttg tttgtttgtt tttttaagat aaggtctcat tctgctgccc aggctggagt 134100 gcagtggcac aatcacaget cactgccace teaactteet gggccgaagt gateetetta 134160 cttcagcctc ctgaatagct agggccatag atacacacta tcacacccag cttttttttt 134220 ctgtttgtag agacagatet tactgtgttg cccaagttgg teteaaacte taggeteaaa 134280 gtgattetee cacetetgee teccagagtg etgggattae aggtgtgage cacaegeaac 134340 ctgtcttttc actattaata gtgtcttcct gcttcagcct cccgagtagc tgggattaca 134400 ggcacccacc accatgcctg gctaattttt ttgcattttt agtagagaca gtgtttcacc 134460 atgttcaccc ggctggtctt gaactcctga cctcaggtga ttcacctgcc atggcctccc 134520 aaagtgetgg gattacagge gtgagecaet geaceeggee aaaatattge ettettaaca 134580 134640 gtattgtctt ctaatttgtg aacatggatg tatcttcatg tatttatgtg ttctttcatt tcagcagaat tttgtagttt tcagagtaga agcetttcae etcettgggt catttattee 134700 tatgttttaa gttcttttcg attccattat aaatagaatt gttttcttaa tttcattttc 134760 agaitgtttg atgagagage atagaaatae aagtgatttt tacatgttga tettgeaact 134820 tcaactttga taaatctgat tgttagctct aatagttttc ttgtggattc tttaggattt " 134880 tcaatatata agatcatgtc atttatggat agagatagtt ttttttctgg ctagaactta 134940 cagagcaatg atgagtagaa gtggcagaag caaaaatctt tgtcttgttt cctatctgac agggaaagct ttcagtttca tcatttaata tgatgttagg tgtgggtttt caataaatgc 135000 135060 cttttttcag attcaggaat ttccctatca ttcctgattt tttaaggctt ttttttttt 135120 ttaaatcatg aaagggtgtt gaatattgtc atgttctttc tgtatcagta taaatgatcc 135180 tatggattt gggttttatt ctgttgatgt gaaatattaa ttgattttca gatgttaaac caaccttgca tacctgagat gaatctcact tggtcatggt gtataatctt ttcaatatgc 135240 135300 tgctggattc catttactgg tattttgttg aagattttgt atctgaacgc ttaagataac 135360 atttacactc tatcagaaat gaattgacca taaatgtgag agtgtatttg tgggttcttg 135420 attetettee attecaaaga tagacataca teegtetgta tetetetet tatecaagta 135480 ccatactctc ttgattacta ttgctttgta ataagttttg aaatcagaaa gtataaatga 135540 gattttggta tctgagtaac agtcctcata gaattagttg ggaaatattc cctctttatt 135600 ctggtccctc tttcttttt gtttaactgt gtatcttgga gattgttcct tctcaacaca 135660 tgagagccgc tttccctacc ctcccacccc tgctatagag aggtctataa gtgtctgttc 135720 aattattta tttacttaac ctattactta gtcggggaca ttaagcttgt ttatgtcttt tattttaaac aatgctgcag tgaataatct tgtatataag tcattttcca tcaatataag 135780 135840 tctctctgta actgaatttt tagaagtgga atttctaggt caacctatgg ctctgtattt 135900 cacaaaaata ccaattctgg tttttcttgt ggaggtgggg agtaggaggt agaatgctgg 135960 aggagaactt getgtaetea getggetagt cattitagaa aggtiteett agettettit 136020 tgtcatatgg cctcaccaag aatcaaaaac attcctattt accctgtaaa catggggctt tactacccaa gatacatatt tctggatgta tgacagcttt tcatattgaa gaaataatgc 136080 136140 tgtgagtaca gcacatttgt tggaacttag gtcgttaaga atgtcttata aattcataca 136200 ttatacattt tattttattt tattttttag tttttgatac agagtcttcc tctgtcgccc 136260 aggccagcgt gcagtggtac aatcttggct cactgcgacc tccatctcct gggctcaagt 136320 gatteteatg teteageete eagagtaget atggttaeag geatgeacea eeatgeeegg etaattttt tattttagt agaaactggg ttteaceata ttgaceatge tggeetegaa 136380 136440 etettggeet caagtgateg geetgeetea geeteecaaa gtgetgggat eettgtattg 136500 ggtaaaagat gaatattgag ggctgcatgg tggctcatac ctgtaatccc agcactttct 136560 gagactgagg tgggaggagt cctggagccc aggagggtga ggctgcagtg agttgtgatc 136620 gegecattge acticaacet aggaattata ggetteagte actgigeceg geatgiacat titaatattg igettieete tittagetat agtatgaggi tacatiteag agteatigit 136680 136740 gttaagcatc ttaatagtga tgaggttgag tgaaagttac ttctatttca aacactgaag 136800 aaaattttgt acaaatctgt cacattccaa gcccaggact gattgtttca tatacttcta 136860 attttacaat ttctattgta gtccagtgtg aaaaaagcca gtattaaaat actgaaaaat tttgatgaag cgataattgt ggatgcggca agtctggatc cagaatcttt atatcaacgg 136920 136980 acatatgccg ggtaagctta gctcatgcct agaattttta caagtgtaaa taactttgca 137040 tcttttaaat tttttaatta aattttacat ttttttctaa tctattatta tatgcccaga 137100 actttcactt agagtgtgca gtataatgtg gtggttaagt ataaaggctc tggagtgact tcctgggttt taatcttggc tctgccattt attggcagcc gctaacctct tggtatctca 137160 137220 gtttcttcat ctgtaaaatg agaataataa agtgaaaaga tgccaacatc atttactctg 137280





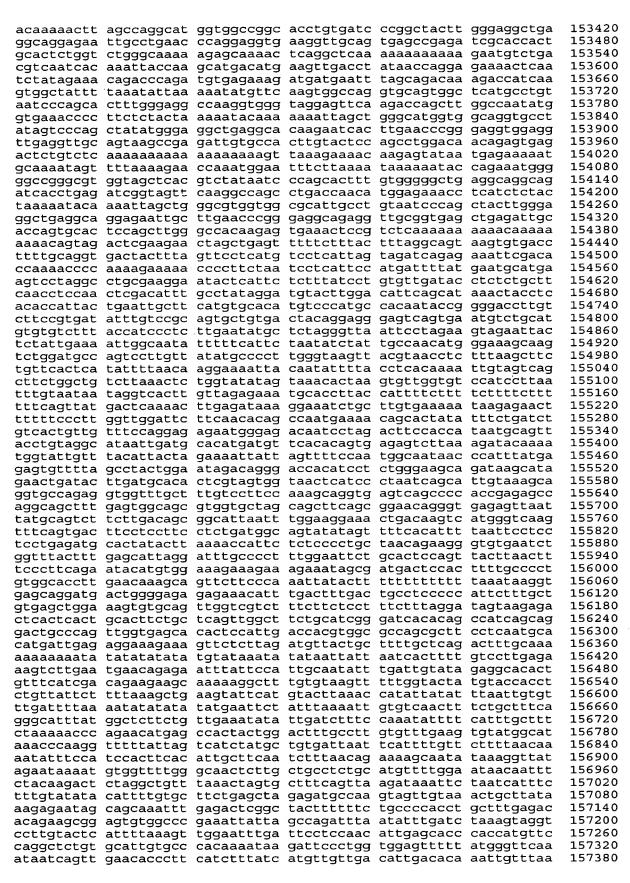


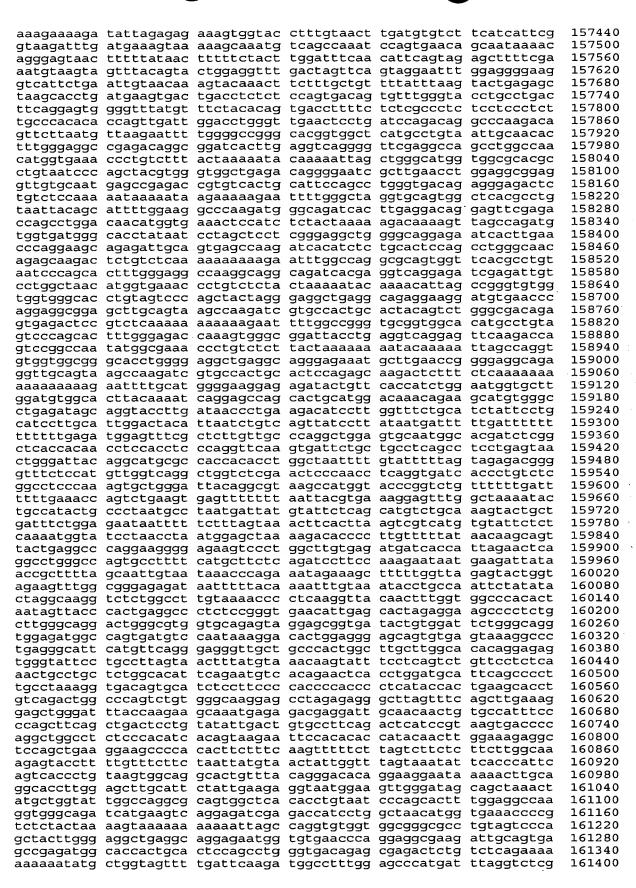
tcagtgactt ggggcaattc atccgagaat ctgagcctga acctgatgta aggaaatcaa 141360 aaggtttgtg gtgtttttat acttcatatt aagcctttac tcacattagt gattgactgt 141420 aagtcaaaga ccacttaagg tttaaactgt ttattttgta aagtaaccac tgtatctttc 141480 accttgtgtt tatagtcaga agtaagtaca agggcttcct gtagtcacat ctttatgcaa 141540 tctcctctga atcaaaagtt agtgaacttg ctttgccact ccagaaggca catgaatatg 141600 aaaaagcalt gtctattitc tlatttaatg gcaaaatacc cgacctaagt tggacttaat 141660 gtttgagacc gtttatttta ttaaattata ttttttctct tttcttttt ttttttgaga 141720 cagticitge tetgteacce agaceggagt geagtggtet gacegeacet caetgeaace 141780 tetgetteet aggiteaage gattiteetg ceteateete etgagtaget gggaetacaa gtgegeacea ceacacetgg etaattittg tattittage agagatgagg titeaceaeg 141840 141900 ttggctaggc tggtctcata ctcctgacct caagcaatcc atccgccttg gcttcccaaa 141960 gtgctgggat tacaagtgtg agccaccatg cctggcctta ttaaattatt tttattaaat 142020 ttcctcaaga ttgatgaaag taatgaaata taaaagtaat gaaatatatg tggaaaatag 142080 actggattaa gaaaatgtgg cacatataca ccatggatac tatgcagcca taaaaaagga tgagttcatg tcctttgtag ggacatggat gaagctggaa accatcattc tgagcaaact 142140 142200 gtctcaagga tagaaaacca aacaccgcat gctctcactc ataggtggga attgaacaat 142260 gagaacactt ggacacaggg tggggaacat cacacgctgg ggcctgtcgt ggggtggggg 142320 gctggggag gaatagcatt aggagatata cctaatataa atgacgagtt aatgggtgca 142380 gcacaccaac atggtacatg tatacatatg taacaaagct gcacgttgtg cacatgtacc 142440 ctagaactta aagtataata aatttaaaaa aaataaatat atgtggaaaa tattaatagg 142500 tcaaaattca aattgttcat ttaatcagaa gagtagttta gtcaaatcca agggttagac 142560 142620 aacagaaatc ttttttgtca agtgcattct ttgtgactga tttcattttc ttcctggttt acacaggaag atttcagaaa caaatgtgga tccgtgacag atggtatcta gaagttttta gtttggttga attgacagta ttttattgag taaaagatac taatttttgt aagaagaaaa 142680 142740 attcaattit gataagtatg tttaagatta agagctattg gccaggcgct gtggctcatg 142800 cctgtaatcc tagcactttg ggaagctgga gcaggtgggt cacgaggtca agagattgag 142860 accatectgg ccaacatggt gaaaccetgt etetactaaa ttagecagge gtggtggeac 142920 atgcctgtgc acccgcctcc gggtttaagc gatcctactg cctcaggctc ctgagtagct gggattacag gcgccatggc taatttttgc atttttagta gagacagggt ttcactacat 142980 143040. tggccaggct ggtctggtct caaactcctg acctcaggtg atctgcccgc cttagcctcc 143100 caaagtgctg ggattacagg catgattcac catgtctggc catttatctt attttctttt ttttttttt ttttgtttga gacggagtct tgctgtgtcg cccagagctg gagtgcaatg 143160 143220 gtgcgatctc agctcactgc aacctctgcc tcctgggttc aagcaattct cctgcctcag 143280 tettecaagt agetgggatt acaggegegt gecaccacat etagetaatt tttgtatttt 143340 tagtagagac agggtttcac catgttggcc aggctggtct cggaactcct gacctcgtaa 143400 totgoccaco toggoctoco aaagtgotga gattacaagt gtgagocact gtgoccagoo 143460 atcttatttt ctttctttt ttttgtcggg tgggaggggg acagagtcta gctctgtcgc caggcttggc tcactgcaac ctctgcccc caggttctag caattattct gcctcagcct 143520 143580 cccaagtagc tgggattata ggcacctgcc accacgcctg gctaattttt tgttattttt 143640 agtagagatg gggttttgct atgttgacca tgctggcctc aagtgatccg cccaccttgg 143700 cctcccaaag tactgggctt acaggcgtga gcttgtattg ggtaaaagaa caatattggg ggctgcatgg tggttcatac ctgtaatctg agcactttgt gagactgaga tggaaggagt 143760 143820 gttggagccc aggagggtga ggctgcggct gcagtgaatt gtgatcacgc cattgcactt 143880 ccacctaggt aatggagcaa gaccatgtct ctaaaaaaca aaacacaatt tttttaagga 143940 atactgggaa gaggtcagtg gtggttttag aacagaggaa gtgccagatg acctttgtga ggcattggcc aggaagaact ctacagtgtc tttaggtagc ttctgtccat aaggataatg 144000 144060 gggtctcctc cccagtatta atagaaaatc tctgagctgt ttttttttgt ttgtttgttt 144120 tgtttttttt tcctgagatg gagtctctct ctgtcggcca ggctggagtg ctgtggcgcg 144180 atettggete aetgeaaget etgeeteeca ggtteacace atteteetge etcageetee 144240 144300 caagtagctg ggactacagg tgtccaccac cacgcccagc taattttttg ttatttttag tagagatggg gtttcaccat gtcagccagg atggtctcga tctcctgacc tcgtgatccg ctcgcctctg ccttgcaaag tgctggagtt acaggcgtga gccaccgtgc ctggcctggt 144360 144420 144480 144540 gtcgcccggg ctggagtgta gtggcacgat gtcggctcac tgcaagctct gcctgccagg ttcaagccat teteetgeet cageeteetg agtageaggg accaeaggeg etegeeacea 144600 cgcccggcta attititgta titttagaag agacggggti tcaccgcatt agccaggatg gtctcgatct cctgatgtcg tgatccgccc acctcggcct cccaaagtgc tgggattaca 144660 144720 ggtgtgagcc accgtgcctg gcctgatttt ttttttttt taatctggtc tcatacctct 144780 gacageteat gaagaagtge teetgettea tatgtatatg tgttageata gtgttaacat 144840 agcataggtg ttcggtgttt gcagtttctg tttgttttat atgaattaag gtgtattatg 144900 agcagttgaa gatatatagg aaattttttc ccaaaccact atctctgctc gttctattca ttcagtctgt ttatgttatt ccttcattca ttcattttat agaacagtgg agtgcctact 144960 145020 gtatgcatct attgttctgg gtcctgggga agaaaacaaa gttcctgctt tcatggaact 145080 tacattatat tggcggagac agtaacagac aaacaaatgt agcctgtgta catgtgttac 145140 atgaaaagca gggtaggggg ctgggagaga gtagtaggga gtgctatttt cgaggtggtt 145200 gtcaggaaag gcctcactga ggaggtggca ttttgagtag acctgagcgc agcgggggcg 145260 taageceagg cageatgtgg aggaagagtg ttettggtga aaggaacaag gatagaggee 145320





149400 atcatctaag agacagtgta acaagaagga attgtaaaat gatgttatga gcacgtgccc 149460 aatgtagtgg caatcccttg tgcttcgata cattggtggg agacaaaact gtacttaaat 149520 tgataaatcc cttacatgtc attttaagga gcttagactg actcccatca tgtagacatc 149580 ttgttgccga ggctggagtg caatggcgtg atctcggctc accacaacct ccacctccca 149640 ggttcaagca attctcctgc ctcagcctcc cgagtagctg ggattacagc catgcaccac 149700 149760 cacgcctggc taattttgta tttttagtag agacggggtt tctccatgtt gtggctggtc 149820 tegaaeteet gaeeteaggt gateeteeeg eeteageeae eeaaagttet gaaattacag gegtgageca cegegeceag eccagagatt tetaaacaga gttetaacea gatgetttte 149880 cctgtcagta gaatgagaat gaattggagg tgggagagac tggcatgagg gacaccagtc 149940 agccagtgga attagctggt aatgttgata ggagaagaaa aagattcaaa gttaggtagt 150000 150060 ggtagcaaga attagaggga aggtcggatt tatgatatgt ccaaggttga attctaaggt gaaatttggt ggcagatttc atgtgtaaat tgggaaggta gattgagttt ttttaacatg 150120 ggttttctaa catgtcaata gagtgactct gcaggggggc ctgacgagag aacagtgcat 150180 ggggtgattc aacagccagt tgagccttca tgcagagcat ttaacactgt gactctgtag 150240 actctggttg gcagtaaaat ttcattaaac caatatttaa acccttaggt aataataaaa 150300 150360 attgagggaa aaggatccag gttttgtatt ttttatgaat tcagttattg aattaaacag gaccttgcct caagaaataa tctaccaaca attaacttgt tttaaagcaa agttaggaag 150420 tgagcatgtt caaattatta aataaaaaag taagctgtgt atttcattca tagaaataga 150480 ggctggccta cttcggatga ttctcagcat gtgattacag atgtgggctt atacatccta 150540 gggagttaag gcgtactctg gcttggatag agtagagctc tttgaaactc ttctctcacc 150600 cagctagttt atatagacta gagaactaga atgtagcagc atactctgtc ttagaagccc 150660 ttitatatag gagetggtet ggaaggttig aaaacataac aaatgtgtig gtgteteeca atgtattget agattettae ceaagageat tateetggtt agggttiggt tiggttitgt 150720 150780 ttigtttitt aatgtttgcc acaaactaac actagatgtt agttcttica tcaagtgagg 150840 agagtagaag aaaagtccag aactctgaaa caccttttca aaagtttttc aagccatgat 150900 150960 gtttgcaagt taaatgctct gttatgtaag caatataatc agtttttatt aatgtaacat 151020 tccttagtgt tttggggtat cacacaaaaa agaatatcca tatctggaag caacagcttt 1510802 151140. agtetegete tgttgeecag gttggagtge agtggeacga teteageteg etteaacete 151200 tgctcccagg ttcaagcaat tcttctgcct cagcctcctg agtagctggg attataggca cetgetacea tgcetggetg atttttatta ttttagtaga gacaggttte accatgttgg ceaggetggt ettgaactet taaceteagg tgaateacee accteggeet eccaaagtge 151260 151320 tggaattaca ggcatgaacc accatggcca gccaaataag agcatttta atgtaaaatt 151380 151440 atgcatgaaa tgtacattca attttgtctt tgtttactag gatccatgtt ctcacaagct atgaagaaat gggtgcaagg aaatactgat gaggtaaatc ctacctttag gataaaaaga 151500 151560 tttctgttta taagtgccac cctcatgtaa gtgaggttta aaattttcct tttctttagg tcccatgttt aagcagcatg gcacatttat gttctcttac ccagaatgta ccaagaaagg 151620 gtggtccctt cttaacatct aacaattgcc tggtagtagc agtgaaggta tcttcagtca 151680 151740 gaggetagga ceaetgaagg atatacatge atteaagttt ceateageea geaggeatea gtaatcagtg tgtagatcaa aagctcaaat gtttccttcc ccactggcag ttttacttca agtagtggag gcttgctttt ttaatagtta attaagtaca ttgagagatg ggaggtgaaa 151800 . 151860 aaaggaaaat gttttatttt gaccatctaa tatgaaagta gttcggtgtt aggtatccag 151920 151980 tagttgacac tggaagacag ggaatgacat gttaatattc atagccagag ggtggcccag gtttttcgt acatgggaat gaaattctta tccaaataag tagaaattat gtgcgtaagc 152040 catttgttaa gagcactgag tatgtgcatc tcgatccatc taatgaataa ccattatcac cagtttaaat tattttcttt aggcccagga agagctagct tggaagattg ctaaaatgat 152100 152160 agtcagtgac attatgcagc aggctcagta tgatcaaccg ttagagaaat ctacaaaggt 152220 aaggatgact tcgttttgtg taaactaaaa agtattattt tccaggtgta aaaataaaaa 152280 agaacataag gggtttcttt gcctttgaag gattaactgc tgtggggatt accttcttat cataagcaac tagaaaattg acaaactaaa tgaaacaact gtttgcatat attggacaat gggcaataca gggaaaccat ggaaaccaaa cagagcccag tagtcttgct gaacgaaaga 152340 152400 152460 gttaaatatc aaagttcagg ccaggtgcag tggctcacgc ctgtaatccc agcactttgg gaggccaagg cgggtgaatc acttgaggtc aggagttcaa gaccagcctg gccaacatgg 152520 152580 152640 tgaaaccctg tettageegg gtgtggtgge aggeaeetgt aateeeaaet atttgggagg ctgaggcagg agaatcgctt gaaccaggga ggcggaggtt gcagtgagcc gagatcacac 152700 cactgcactc cagcctgggc gacgagcgaa accccatttc aaaaaaaaa tcaaagttca 152760 gagageteaa tttgagtaga agttgtagga taaggtagea gaaaagagga agetgeecag 152820 152880 aaagaaagcc gtagagatat ttagagagat tcccatggat ccttggccta ggagtgatct gtatatgtgt ggggtgaaaa cgcatgtgtc caggtagaga accccccaga aattagtagg 152940 ctgaatgatt gctggaacat agggctaaga aaagttcatg gccagaagga tctggccaga gtagagagac ttagtaatac acaaggcatt gggtagtgtc ttcacagagg ttatgcctta 153000 153060 ctactgaaga taaattagtc ctagagtaca agcacctgaa ccaagtttca aagcaaattt 153120 153180 ttaaagggtc aaattaccta acaactgcat gccaaaacaa aggcctaacc ctctttacag taacacaaca aaattcagca cttcacagtg taaagttaga atgtctgacg tccaggctgg 153240 gcgcagtggc tcatgcctgt aatcccagca ctttgggagg ccgaggcagg tagatgacct 153300 gaggtcagga gttcaagacc agcctggcta acatggtgca accccgtctc tattaaaaat









```
tacccaccaa ggtctactgg aaaacatcag gctctcctgc tatagaccca tagggaqagc
                                                                              161460
tgcagccgag agggggagct gaagagaagt gccccttctg tgtcctgtca gcctcatcct
                                                                              161520
tccgcaagga ccagttgctg tgccactcca ttcacttgct gcaagactgg aggtttttcc
                                                                              161580
traggtgttg agracetggt ttacaagatg tragcatett gatgcetgag accatraagg
                                                                              161640
caagicictg aacagggctt accttagagt aaggcttaga agaggccgta aagtcagtct
                                                                              161700
cageteegtg getetgeaga getttgggae atgtgaatte ttaaaaacaa gaetattgta
                                                                              161760
                                                                              161820
cagttactat atgcatgcag tataaaatta taaccttgga aaatcctagc tagctgttga
gctaattcca taaagtaatc agctcctgag ttctgcagtg gtaataataa tcagcataat
                                                                              161880
gagtaaacac tgtgtgtgcc aggcagcgtc tcatttgatc cttgtgataa tcttgtaagt
                                                                              161940
actgatttte teeettett aaacaaagtt ttttttttt ttttagagag ggteteacta
                                                                              162000
                                                                              162025
tgttgcccag gctagtcttg aattc
<210> 36
<211> 162025
<212> DNA
<213> Homo Sapien
<220> .
<221> mutation
<222> 156,277
<223> Nucleotide Base Change: T to C
<400> 36
                                                                                  60
gaatteetat tteaaaagaa acaaatggge caagtatggt ggeteatace tgtaateeca
gcactttggg aggccgaggt gagtgggtca cttgaggtca ggagttccag gccagtctgg
                                                                                 120
                                                                                 180
ccaacatggt gaaacactgt ctctactaaa aatacaaaaa ttagccgggc gtggtggcgg
gcacctgtaa tcccagctac tcaggaggct gaggcaggag aattgcttga acctgggaga
                                                                                 240
tggaggttgc agtgagccga gatcgcgcca ctgctctcca gcctgggtgg cagagtgaga
                                                                                 300
ctctgtctca aaaagaaaca aagaaataaa tgaaacaatt ttgttcacat atatttcaca
                                                                                 360
aattigaaat gitaaaggta tiatggicac tgatatccig titcaticti tatataatca
                                                                                 420
ttaagtttga aatgtatact tgcactacta acacagtagt taatcttagt cctacaagtt
                                                                                 480
actgctttta cacaatatat titcgtaata tgtatgcact ggtgtttatg tacgtgttta tgtttatatc tgttaaaatt agcagtttcc atcttttct attttgtacc atcacatcag
                                                                                 540
                                                                                 600
ticagaagga tigacagagc aaaatgattt gatgaagtat aaaagtcaca tggtgagtgg
                                                                                 660
cataaataca actotgaaca attaggaggo toactattga otggaactaa actgcaagco
                                                                                 720
                                                                                 780
agaaagacac atateetata tgteaagaga tgtaceacec aggeagttaa agaagggaag
tacacataga aagcacaatg gtgaataatt aaaaaattgg aatttatcag acactggatt catttgctcc taaagtcaga gtcctctatt gtttttttgt ttttgtgggt ttctttttaa
                                                                                 840
                                                                                 900
attitittat tittigtaga gioggagiot cactgigtia coogggoigg totagaacio
                                                                                 960
                                                                                1020
ctggcctcaa acaaacctcc tgcctcagct tcccaaagca ttgggattac agacatgagc
cactgagece ageceagaeg etttageatt tatgaagett etgaaatagt tgtagaaace geataagett tecatgteae tttcaaagtt tgatggtete tttagtaaac eaaceaagtt
                                                                                1080
                                                                                1140
attecteaag ggcaaaataa cattteteag tgcaaaactg atgcaettea ttaccaaaag
                                                                                1200
gaaaagacca caactataga ggcgtcattg aaagctgcac tcttcagagg ccaaaaaaaa
                                                                                1260
aggtacaaac acatactaat ggaacattct ttagaagagc cccaaagtta atgataaaca
                                                                                1320
ttttcatcaa agagaaaaga gaacaaggtg ttagcaaatt cctctatcaa ataacactaa acatcaagga acatcaatgg catgccatgt ggaagaggaa gtgctagctc atgtacaaac
                                                                                1380
                                                                                1440
                                                                                1500
cagtagataa tttcaacttg ctgccgaatg aaacctcttt gcaaggtatg aatcagcact
teteatgttt gttttgettt gttttgtttt gtttttagag acaggeeett getetgteae
                                                                                1560
acaggctgga gtgcagtggc acgatcagag ctcactgcaa cctgaaactc ctgggctcaa
                                                                                1620
gggatcetec tgccttagcc teccaagtag etgggactac aggeceacea tgcccageta atttttaaa ttttetatag agatgggate teactageae ettteatgtt tgatgtteat
                                                                                1680
                                                                                1740
atacaacqac caagqtacaa tgtggaaaag ggtctcaggg atctaaagtg aaggaggacc
                                                                                1800
                                                                                1860
agaaagaaaa ggggttgcta catagagtag aagaagttgc acttcatgcc agtctacaac
actgctgttt tcctcagagc agagttgatg atctaaatca ggggtcccca acccccagtt
                                                                                1920
catagortyt taggaacogg gocacacago aggaggtgag caataggcaa gogagcatta ccacotyggo ttoacotoco gtoagatoag tyatytoatt agattotoat aggacoatya
                                                                                1980
                                                                                2040
accetatigt gaactgagea tgeaagggat gtaggtttte egetetttat gagactetaa
                                                                                2100
tgccggaaga tetgtcaetg tettecatca ecetgagatg ggaacateta gttgcaggaa
                                                                                2160
aacaacctca gggctcccat tgattctata ttacagtgag ttgtatcatt atttcattct
                                                                                2220
atattacaat gtaataataa tagaaataaa ggcacaatag gccaggcgtg gtggctcaca cctgtaatcc cagcacttcg ggaggccaag gcaggcggat cacgaggtca ggagatcgag
                                                                                2280
                                                                                2340
accatectgg ctaaaacggt gaaaccegt ctactaaaaa ttcaaaaaaa aattageegg
                                                                                2400
gtgtggtggt gggcacctgt agtcccagct actcgagagg ctgaggcagg agaatggtgt
                                                                                2460
```

2520

2580

2640

gaacctggga ggcagagett gaggtaagee gagateaege caetgeaete cageetggge

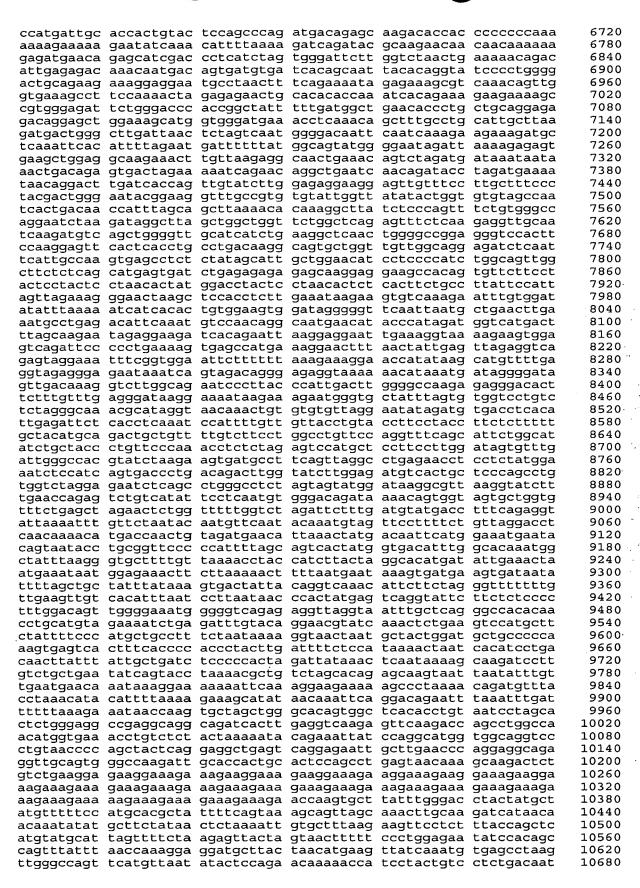
gacagagega tactetgtet caaaaaaaaa aaaaaaaaa aaagaaataa agtgaacaat

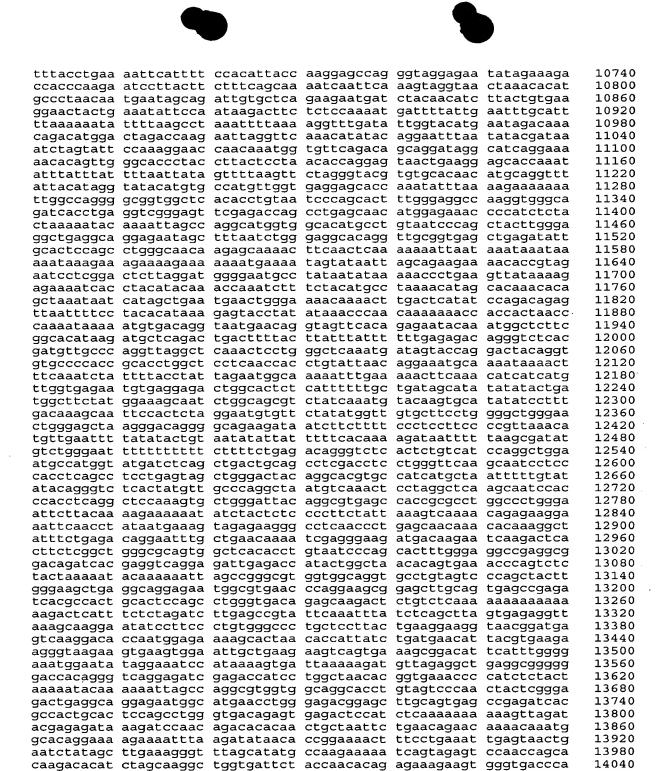
aaatgtaatg tggctgaatc attccaaaac aatcccccca ccccagttca cggaaaaatt





2700 ctcccacaaa accagtccct ggtgccaaaa aggttgggga ccgctaatct aaataatcta 2760 atcttcattc aatgctaaaa aatgaataaa ctttttttta aatacacggt ctcactttgt 2820 tgcccaggct ggagtacggt ggcatgatca cagctcactg tagcctcaat cacccaggcc ccagcgatcc tcccacctaa acttcctgag tagctgggac tacaggcacg caccaccatg 2880 2940 cccagctaat ttttaaattt tttatagaga tgggggtctc accatgttgc ccagactggt ctcaaaccct gggctcaagt gatcctccct caaactcctg gactcaagtg atcctccttc 3000 3060 cttggcctcc caaagtgctg ggattacaag catgagccac tgtacccagc tggataaaca ttttaagtcg cactacagtc atggacaatc aggettttca acatgcagta tggacagtga 3120 qtcccaqqgt ctgcttttcc atactgaaat acatgtgata ctaaggagaa aggtgctcgc 3180 aaggatattt aaaatgaaga atatttaaaa tgaggaaaaa actgtttctt catgactttg 3240 ataaqqctqa taaaqaccat ttctgtgatc tcaggtgatt cactcaagta gtatatttca 3300 3360 gtaatcatta tetggaacag cetgaatett aaccaaaata ceatgatttt ttaatgetgt tatgatacct tgatgatatg accaaactgc aatgtaggca gctaaatctc cacgagtttg acttccccga gagttgacag ttttcttcac aaattaaaga aatatattt ttgatacatg 3420 3480 attggcatat ttaaaaacta cactgaaatg ctgcaaaatg atataaagaa acattttcca 3540 gaatcaaatg caatcaaaga gtggattagg aatctactca ccattatcaa ctaaatagaa 3600 3660 acacttggac tgggtgtggt ggctcacatc tgtaatctca gcactttggg aggccaaggc 3720 aggtggattg cttgaggcca ggagctcaag accagcctga gcaacatagc aaaactctgt 3780 ctctacaaaa aaaaaaaaa attaaccagg catggtggca gatgcttgta atcccagcta ctctggaagc tgaagtagga ggactgcttg agcccaggag atcaagactg cagtgagccg 3840 tgqtcatqct qcqccacagc ctqagtgaca gagagagacc ctgtctcaaa aacaaaaaca 3900 3960 aacaaaaaac acttaacctt cctgtttttt gctgttgttg ttgttgtttg tttgttttga gatggagtet cactetgttg eccaggetgg agtgeagtgg egtgatettg geteactgea agetetgeet eccgggttea egecattete etgeeteage etceegagta getgggaeta 4020 4080 taggogocog ccaccacgoc oggotacttt tttgcatttt tagtagagat ggggtttcac 4140 4200 cgtgttagec aggatggtet tgateteetg acetegtgat ceacetgeet eggeeteeca aagtgctggg attacaggca tgagccaccg cacccggcca acctttctgt tttttagttt 4260 qatatgettg ttaactcage agetgaaaga atgetgaaag tggeetteag taaaaaaatt 4320 tcactagaat ctctacatcc atatttaatc tgaatgcata tccagattga tcagttagag 4380: caaaaacact catcatcatt cctgatgacc tctaattctg gtttcggctt tctatttcaa 4440 4500 tggaaacaga ataaggaaag aaatggaagg gctctggaaa tttgtcctgg gctatagata ctatcaaaga tcaccaacaa taagatctct cctataaata taaaacaagt ataattaatt ttttaattat tttttctct tcagaggatt ttatttcaag ataaaacata acttctaccc 4560 4620 atactattga ttccaaaggt tagaaaaagt gtttttcctc atcttatcct tcaaagaggt 4680 cacagcaatg caaacatcta taaaatgcct ctgcataatt gtcagaagct atagtccaga 4740 aatcattgaa aatgetttte cattttaage ttaggtgagg tgtettagga aacetetatg acaaettact etatttattg ggaggtaaac teecagaete teecagggte teetgtattg ateteattt ttaggettee taateeettg aageacaate gaaaaageee tggatetet 4800 4860 4920 ttctgcacat atcatcgcgg aattcattcg gcttccagca agetgacact ccatgataca 4980 5040 ageggeeteg eeetteteeg gaegeeagte ettgetgegg ttagetagga tgaggggttt getgggette agtgeagget tetgegggtt eccaageege accaggtgge etcacagget 5100 ggatgtcacc attgcacact gagctcctgg caggctgtac caatttttta attatttaat 5160 atttattttt aaaattatgg tgaatatttt ggtattctgc tctaaaatag gcccataaat 5220 gcacagcaga tatctcttgg aacccacagc tttccactgg aagaactaag tatttttctt 5280 ttaaagatgc tactaagtct ctgaaaagtc cagatcctct acctctttcc atcccaaact 5340 aagacttgga atttatgaga gatctagcta acagaaatcc cagacacatc attggttctt 5400 5460 cccagagtgc agtcctccta aagaggctca gccctaagca ggcccctgca ccaggagggt 5520 gggtctgaga cccacatagc acttcccaag gtgcatgctc cagagaggca ctgaaacagc 5580 tgagcacaag cctgcaagcc tggagaactc tcacagtcag aacggagggg gcccagtggg actaacataa agagaaaagg gaacacagag aaatggatgg caccaacaac cagcaaagcc 5640 ttcatggcca atgaaagcat cagtgacggg gccagaaccc tcatccccaa agactcttca ctgcctttag tgaaaaacaa tggctagaga gtgaagttat gatcatgtat agagaggtaa 5700 5760 agitacatti tiatattctg actctgctaa tgtgaaattc cctatctgct agactaaaag 5820 5880 tttcagacac cctgttcaaa tatcccatta gttgctagag acttaaaatg aacagaacgc 5940 acattgtcag gatgactatt accaaaaaat caaaagacag caagtattgg tgaggatgta gagaaactgg aacttttgtg cactgtttat gagaatgtaa aatggagcag ctgctgtgga aaagagtatg caggttcctc aaagagtaaa accaagatgt ggaaacaact aaatgcccat 6000 6060 cagiggatga aggggtagac aatatgtggt atatacatac catggagtac tattcagcct 6120 6180 ctaaaaaaaa aaaaggaaat tctataacat gcaacagcat ggatgaatct tgaggacatt ttgctaatga aataaggcag tcatagaaag acaaatactg cacgactcca cttatatgag ataccaaaaa tagacaaatt catagaatca aagagtacaa tggaggttac ctggagctgc 6240 6300 agggcgggaa acgaggagtt actaatcaac gaacataacg ttgcagttaa gtaagatgaa 6360 taagetetea agateagetg tacaacaetg tacetagagt caacaataat gtattgtaca 6420 6480 cttaaaaatt tgttaagggt agattaacaa atgtagtaga tccacaaatg tggttaagtg ttcttaccac agtaaaataa aaaaagaata tcaagcccag gagttcgaga ctagcctggg taacatggtg aaaccctgtc tctacagaaa atacaaaaat tagccagctg tggaggtgca 6540 6600 ctcctaggga ggctgaggtg ggaggcttgc ttgagcccag gaggtcaagg ctgcagtgag 6660





14100

14160 14220

14280

14340 14400

14460

14520 14580

14640 14700

taatgoggaa aaaggoagao catotgoagt ottotocaga acactggagt otgaagacaa

aagaatgctg cctactgagc cagaagggag agaaagtgac ccaacacatc tttaccaagt

tagaatgtca cgcattattt aaaggctgca aaagccatga aagacatgaa agaacacaag catttacaac atgaaagaac acaagcattc tcatactcaa gaatccttaa gaaaaatgta

gtcctaatcc agcccactga aagttaaatg tacttaatgt gctcattaat gggaacttca tagcttcaaa tcagtctggt cccatctacc aacatctctc gcccggcttt cctgcaatag

teageacett teceteetee eagtettgte eeetggagte tgeteteage atageagagt

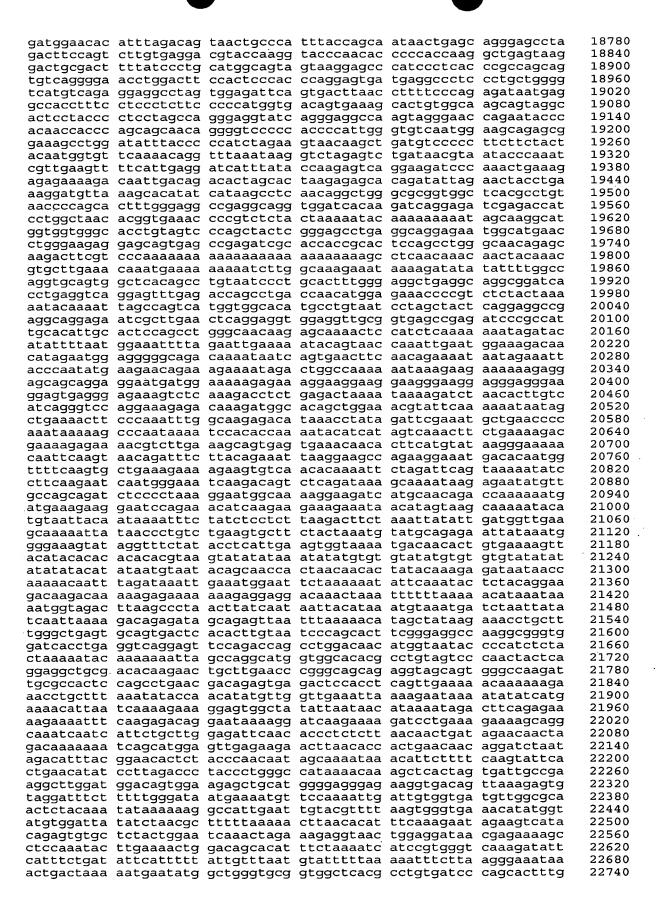
gaccacatca acacccaagt cagageeete cagtgegeae tggtetacaa ageeetteee

accecceace ceaegtgeee teeggateet tgtgaegtgt eteetgeata eeetageage eetggeetee teaetgeee teetgtaeat eaggaaggeg acteettgag tettggetet ggeegeetee teeaeetgea gtgagttaae teeettaeet actetaggte attgeteaaa





tgtcagcatc tcaatggggc cctccctgac taccctattt aaattctaca tactcccctt 14760 gaccccatgg acctcactca ccctattcca cttttattct tacaatttag cacttgttct 14820 cttctaacgt attctaagac ttactcattt attacattgt ttgccacccc ctctagtaca 14880 taaactccag aggggcaggg atttctgtct atttattcat ttctttatcc ctaggacata 14940 gaacagggca tagttcagag tattcaatgt tatcaatgaa tgaactagca gtagtaccag ttccagttag gcacagaatt aaatctaaat agaattaaat ctcatggtct gggttaacta 15000 15060 tggatagaaa attagatata attttaagaa gcctagaaag aaaaaattaa taatgtaaaa 15120 15180 ataatattaa tttgataata ataacaaaaa ctctgccagg cactgtggct caaatctgca 15240 atcccagcta ctcaggaggc tgaggtggaa ggatcacttg agaccagagt tcaagactca gcctaggcaa cacggcaaga aactgtctct aaaaaaatta aaacttaaat ttttaaaaaa 15300 gaatteteaa agegteacaa aaactggaga ttaaggtaca ggaagtgtga agtaatatta 15360 ctatgctaat ggtttttttt ttttttagaa aggtataacc aaaagatttc tttctcaagt 15420 cgataaactg agaaagataa gcatatcttc caattaacag agggggagga aaagccagat 15480 15540 acaacaaaat aagatataaa ttagtttcca gttgaaaaca agagtaggag ttattttgca tcacctcacc tgtgacctcc cccagcccaa aaaacactac tgataaacag ggtagaaaag 15600 catcatctca gataaagcag gaaaaactgc cacagtctca aaccacaaac tataagcaca 15660 cacetggeca accetgecaa gtetgggete agtaggagga acgtgetgag agetaggatg 15720 taccaactta gacattetgt gggatacaga tgteeetgga agggteacae cateteaaag 15780 15840 gcacctgtaa tgcccactga ttacagccac catatgtgag agagaaactc agggcactta gagagtataa caagaacctt atgtcatctg agatgaggaa tcctcagccc tgcaaattaa 15900 ccaactettt agaacaactg gcaaaacata aatatecaca acttttgttt cagtaattee 15960 16020 actcttagat atcaatccaa agtacatgag acagcagata cacacacaaa atggtattta ctgcagcatt gtttataata gcaaaaaaca agaaataatc catatgtctc aataggatac 16080 tgggtacatg agggtatgta cccatcattc aaccatcaaa aagagtgata tggatgtcca 16140 cagatggaca taaaaagctg tgtgttacgt gaaaacaaac tcaagcagca gcaggatggg 16200 cttatgatag tcagtatgag ctaatttctg gaaaaaaaaa tctagtgtgt gcacagaaaa 16260 16320 catctgaaag aacagaaaca aaactatcag cagaatattg agatgtttta ctaagttgta tatctatact gcttgtaatt tttaccccaa gcaagaatta ctttttggaa aaagaaaatt 16380 caggaaataa agcatttctt taaacttcat gtttaaacaa atggtgatgg aataaaagag 16440 ttettattea teataaacae acaeageaca eatgeaegea tgtgegtgag cacaecettt 16500 acttgataaa taccatgttg aatattttag tettteettt taggttetat eeetteacte 16560 16620 aaaatgeggt tataaataaa tgtaetttte atgtgeette tgeetaaace caetttaata taactttaca gtcccattat cattatagtc tcaaagctag actcagcctg aaactaccct tcatttgga acccttatta aaatgccaca tacagctcct tcaaataaaa acaaacccta 16680 16740 . ggacctgaca ctaggettee tttgttgeta etcataatgg ecaagttetg tgettataat 16800 acatettett teatittatt getacatate caagggtttt atatgttttt ettattatat 16860 cttaattcaa aacaccatca cgctcttttc cagatgaaaa taaggaaaag aaattgagca 16920 16980 actgactgac ttaaaggtca taaaactata tagtagcaga gtcagcaaaa gaagaaacac acatetecca agtagagget gaaaaccagt accatteace tecagggtga getatataca 17040 gattacaaag tcaccttctc taaatgttca aactgaatcc catacccata ctttaccact 17100 acctcgtaag aacagcctca gatcttgtta tagccttttt tttagcatgc tgaagccaat 17160 aaaatgcttc ccattcagca agagaaacaa gttctgaaac actgaataat ctgcccaggg 17220 cctatgaaca tttccactgt gagaaatgtt ctccactgtg tggagaagat ccttactctt 17280 ctccacacag gcagaacatt agaaaaattc ttggattcta tgatgcacag cttaggagtc 17340 tgtttagcac aatttaagtc caaatagtta ttaaatcctc ctctgttcca gaaacagtgc 17400 17460 taaatactgt gaatataaaa attgaaaaga tactctcctg gctcccaaga aagtcagcca 17520 gatagaggag acacaggcac acaaatcact gtcacatgaa gctctacctc cctaacttca aacgagggcc taagtcacca agaatacagt agcagttgtg actacgagta actactataa 17580 ttcaatactt tatcttccct tagaaaactc ttctcccttg gaaatttatt tgcatttcta 17640 17700 aataccattc cttactaaaa ggaagcaggg ctccttgggg aaatagctga ttctaggtgt ggactatgaa atgaaaatgg tgagtctggg acatcccatg ttgcccagaa atcaaggaac tgcccaaaga ttaacagagt catgttaaat ggacctaaga gtgaaccaga aggagctcac 17760 17820 tttgccccgc gtggaacaat ttcaagaaaa acatgacagt aatgaattat aaaacatgaa 17880 17940 ttaaaataca tattggtact aaaaagagaa caaaaggatg tggctttgga taaagctctt cttcatggaa gaataccagc taataaatgt aaaggaaatg agagaattag aaaaattatc 18000 attttqtaaa ccttaatata ttcacctaga catgctaaaa ccactgagta aaaggctgct 18060 tgggaagagg atgctcacat gatctcagag tttcacacca cagataattt attagataca 18120 18180 ggaaggaaga tgtgatcaag cttcctgtga cccccagcca ggccccacaa cactatgtgc ctccttgtga tgtgggagct acacagcatc gcccacacag cttctcgcca aaactgtttg 18240 aagctaatca caagggaaga actggacagc ttctgaccat gagacgctcc accagacaac 18300 18360 18420 acagagcaga catacttttc cctgttcttc ccagtaagtg gtaataaaaa ccctcaacac 18480 18540 tagatataaa acaaatataa gaaggttctg gaaggggaag aggaggcaga ctatccaggt gccttgaggc ccacagaaca acccagtgat gggttcactg ggtcttcttt ttgcttcatt 18600 atctcagact tggagctgaa gcagcaggca acttcaaaac accaaggggc acagattgaa 18660 18720 aagccccaag aaaagcctgc cctctctagc caaaggacca ggaaggagac agtctaatga







ggaggccgag gctggtggat cacaagatca ggagttcgag accagcctgg ccaagatggt 22800 gaaaccccgt ctcaactaaa aaactacaaa aagtagccaa gcgcagtggc gggagcctgt 22860 22920 ggtcccagct acttgggagg ctgaggtagg agaatcgctt gaacacaggc agcagaggtt gcagtgagec aagattgtge caetgeacge cageetggge gacagagaet geetcaaaaa 22980 23040 aaaaaaaaa aaaaagaata tcaaaatttg tgggacatag ttaaagcaat gctgagaggg aaatttataa cactaaatgt ttacattaga aaagagaaaa agtttcaaat caatagtctc 23100 cacteceate teaaqaacae agaagatgaa gagcaaaata aacceaaage aagcaaaaga 23160 aagaaaatat aaaaataaat cagtaaaatt gaaaacagaa acacaataaa gaaaatcagt 23220 23280 gaaacaaagt actgattett egaaagatta ataaaattga eaaaceteta geaaggetaa caaacaaaaa agaaagaaga cacggattac cagttattag aatgaaagca taattagaaa 23340 23400 caactctaca cattataaat ttgacaatgt agatgaaatg gactaattac tgaaaaaaca caaattacca caactcaccc aatatgaaat agataattgg gatagcctga taactactga 23460 gaaaattgaa tttgtaattt taacactctt aaaacagaaa cattaaactt aatatttat 23520 aaatattaga taaggtaatt atacccttcc ttaacaaata aaaacgacaa attattttgc 23580 agctaaagag atgtatgtac tgtgaaaaat atcttcagaa aaatagaact ttgtttgaag 23640 aataaggatt taaaaaatgt tittaactct caagaagcaa atatcigggc ccagatggti 23700 tcactgaaga attctaccaa atgtttaatg aagaattacc accaactcta catagcatct 23760 ttgagaaaac tgaagagaag ggaacatctc ccagttcatt ttatgaagtg ggtgttactc 23820 tgatactaga actgtataag gacagctact cttgacacac tgcctatggg tagctctgct 23880 ctgcaggaac agtcagaaaa aaaaaaaaaa gaagcactgg acaagggcag tataaaaaaa 23940 gaaaactggg ccaggtgcag tggctcacac ctgtaatctc agcactttgg gaggctgacg 24000 24060 ctggtggatc acctgaggtc aggagtttga gactagcctg gccaacatgg taaaaccctg tetetaetaa aatacaaaaa ttageeagge agggtggtgg ggaaaataaa aaggaaaaaa 24120 aaacaaaaat aaactgcaga ccaatatcct tcatgagtat agacacaaaa ctccttaaac 24180 tccttaacaa aatattagca agtagaagca atatataaaa ataattatac accatgatca 24240 agtgggactt attccagaaa cgcaagtctg gttcaacatt tgaaaacaag gtaacccact 24300 atatgaacgt actaaagagg aaaactacat aatcacatca atcaatgcag aaaaaagcat 24360 ttgccaaaat ccaatatcca ttcatgatac tctaataaga aaaataagaa taaaggggaa 24420 24480 attecttgae ttgataaage ttacaaaaga etacaaaage ttacagetaa eetataetta atggtgaaaa actaaatgct ttcccctacg atcaggaaca aagcaaggat gttcactctc 24540 attgctctta tttaacatag ccctgaagtt ctaacttgtg caaaacgata agaaagggaa 24600 atgaaagacc tgcagattgg caaagaagaa ataaaactgt tcctgtttgc agatgacatg 24660 attgtctcat agaaaatgta aagcaactag gggtaggggg gcagtggaga cacgctggtc aaaggatacc aaatttcagt taggaggagt aagttcaaga tacctattgc acaacatggt 24720 24780 aactatactt aatatattgt attcttgaaa atactaaaag agtgggtgtt aagcgttctc 24840 24900 accacaaaaa tgataactat gtgaagtaat gcatacgtta attagcacaa cgtatattac tccaaaacat catgttgtac atgataaata cacacaattt tatctgtcag tttaaaaaca 24960 25020 catgattttg gccaggcaca gtggctcata cctgtaatcc cagcatttta ggaggctgag gcgagcagaa aacttgaggt cgggagtttg agaccagaat ggtcaacata gtgaaatccc 25080 25140 gtctccacta ataatacaaa aattagcagg atgtggtggc gtgcacctgt agacccagct acttgggagg ctgaggcacg agaattgctt gaacaaggga ggcagaggtt gcagtgagct 25200 25260· 25320 accaettigg gaggeegagg caggeagate acaaggicag gagttigaga ceageetgae 25380 25440 caacatggtg aaaccccatc tctactaaaa aatatataaa ttagccaggc atgtgtagtc 25500 tcagctactc aggaggctga ggcaggagaa tcacttgaac ccggaggcag aggttgcagt gttgagccac cgcactccag cctgggtgag agaacgagac tccgtctcaa aaaaaaaag caaaataacc taattttaaa aacactaaaa ctactaagtg aattcagtaa gtctttagga 25560 25620 ttcaggatat atgatgaaca tacaaaaatc aattgagctg gacaaaggag gattgtttta 25680 25740 ggtcagtagt ttgaggctgt aatgcacaat gattgtgcct gtgaatagct gctgtgctcc agcetgagea geataatgag accacatete tatttaaaaa aaaaaaaatt gtatetetat gtactageaa taageacatg ggtactaaaa ttaaaaacat aataaataet gttttaatt geetgaaaaa aatgaaatae ttacatataa atetaacaaa atgtgeagga ettgtget 25800 25860 25920 25980 gaaaactaca aaacgctgat aaaagaaatc aaagaagact taaatagcgt gaaatatacc atgettatag gttggaaaac ttaatatagt aaagatgeea attttateea aattattaca 26040 caggataaca ttattactac caaaatccca gaaaaatttt acatagatat agacaagatc 26100 atacaaaaat gtatacggaa atatgcaaag gaactagagt agctaaaaca aatttgaaaa agaaaaataa agtgggaaga atcagtctat ccagtttcaa gacttacata gctacagtaa 26160 26220 tcaagactgt gatattgaca gagggacagc tatagatcaa tgcaaccaaa tagagaacta 26280 agaaagaagc acacacaaat atgcccaaat gatttctgac aaaggtgtta aaacacttca 26340 acgggggaag atatgtetet cattaaaggg tgtagagtea ttgcacatet ataggeaaaa agatgaacet gaaceteaca eectacagaa aaattaacte aaaatgaete aaggaetaaa 26400 26460 cataagatat acatctataa aacatttaga aaaaggccac gcacggtggc tcacgctcgt 26520 26580 aatcccagca ctttgggagg ccaaggcagg tggatcacct aaggtcagga gtttgagacc agccggatca acatggagaa gccccatctc tactaaaaat acaaaattag ctggacgtgg 26640 tggcacatgc ctgtaatccc agctacttgg gaggctgagg catgagaatc gcttgaaccc ggggggcaga ggttgcggtg agccaagatc acaccattgc actccagcct gggcaacaag 26700 26760





aqcaaaactc caactcaaaa aaaaaaaaaa aaaggaaaaa tagaaaatct ttgggatgta 26820 26880 aggcgaggta aagaattett acaettgatg ccaaactaag atetataagg ccagtcgtgg 26940 tggctcatgc ctgtaattcc agcactttgg tcaactagat gaaaggtata tgggaattca ctgtattatt ctttcaactt ttctgtaggt ttgacatttt tttagtaaaa aattggggga 27000 aagacctgac gcagtggctc acacctgtaa tcccagcact ttgggaggcc ggggcaggtg gatcacacgg tcaggagttc gagaccagcc tggccaacat ggtgaaaccc cgtctctacc 27060 27120 aaaaatataa aaaattagcc gggtgtcatg gtgcatgcct gtaatcccag ctactgagga 27180 ggctgaggca ggagaatcac ttgaacctgg gaggtggaag ttgcagtgag ccgagattgt 27240 gccactgcac tecageettg ggtgacagag egagaeteeg teteaaaaga aaaaaaaaa aaagaatate aaaegettae tttagaaaet atttaaagga gecagaattt aattgtatta 27300 27360 gtatttagag caatttttat gctccatggc attgttaaat agagcaacca gctaacaatt 27420 agtggagttc aacagctgtt aaatttgcta actgtttagg aagagagccc tatcaatatc 27480 actgtcattt gaggctgaca ataagcacac ccaaagctgt acctccttga ggagcaacat 27540 aaggggttta accetgitag ggtgitaatg gtttggatat ggtttgttig gccccaccga 27600 gtctcatgtt gaaatttgtt ccccagtact ggaggtgggg ccttattgga aggtgtctga gtcatggggg tggcatatcc ctcctgaatg gtttggtgcc attcttgcag gaatgagtga 27660 27720 gttottacto tragttocca caacaactgg trattaaaaa cagootggca otttoccoca 27780 tetetegett eeteteteae eatgtgatet eaetggttee eetteeettt atgeaatgag 27840 tggaagcage etgaageeet egecagaage agatagtgat gecatgette ttgtacagee 27900 tacaaaacca tgagcccaat aaaccttttt tctttataaa ttatccagcc tcaggtattc 27960 ctttatagca agacaaatga accaagacag ggggaaatca acttcattaa aataatctat 28020 gcagtcacta aacaaataag aacaagaggc tccagaagtg ggaagccaat acccagagtt 28080 cctacaatac agtatctgaa aagtccagtt tccaaccaaa aaatatatat atacaggccg 28140 gacatggtag cttatgtctg taatcccagc actttgggat gctgaggcgg gcagatcacc 28200 ctaggtcagg agttcgagac cagcctggcc aatatggcaa aaccccgtct ctactaaaaa 28260 tacaaaaatt agccaggcat ggtggtggat gcctgtaatc ccagctactc gggaggctga 28320 ggcagggaat cacttgaacc caggaggcag aggttgcagt gagccgagat cacgccactg 28380 28440 tatatgtgtg tgtgtgtgtg tgcgcgcgtg tgtgtatata cacatacaca tatatacata tatacagaca cacatatata tatgaagcat gaaaagaaac aaggaagtat gaaccatact 28500 28560 ttctgtggtt atgataggat ggggtatcac gggggaagta gacaagggaa actgcaagtg 28620 agagcaaaca gttatcagat ttaacagaaa aagactttgg agtaaccatt ataaatatgt 28680 28740 tccaaataga gaatatcaat aaaggcatag aaattataaa atataataca atggaaattc 28800 cggagttgaa aggtagaata actaaaattt aaaattcact agagaaggtt caacactata 28860 tttgaactgg cagaagaaaa atttagtgag acaaatatac ttcaatagac attattcaaa 28920 28980 tgaaaaataa aaagaaaaaa gaatgaagaa aaataaacag aatctcagca aaatgtggca caccattaat cacattaaca tatgcatact gagagtaccg gaagcagatg agaaagagga agaaaaaata ttcaaatgat ggccagtaac ttcctagatt tttgttttaa agcaataacc 29040 29100 tatacaatca agaaactcaa tgaattccaa gtaggataaa tacaaaaaga accacaaaca 29160 gatacaccat ggtaaaaatg ctgtaagtca aaaacagaga aaatattgaa agcagctaga 29220 ggaaaactta taagagaacc tcacttacaa aagaacatca cttataaaag aaccacaata 29280 atagaaacag ttgacctctc atcagaaaca atgaatgata acatatttga agtgctcaaa 29340 gaaaaaaaat aaagatteet atatacgaca aagetgtett teaaaaatat acatecaaaa 29400 ggattgaaac cagggtcttg aagagttatt tgtacatcca tgttcatagc agcattattc 29460 acaatagcca aaaggtagaa gcaacccaag ggtccatcga caaataaata aaatgtggta tatgtataca caatggaatt tattcagtat taaaaaggaa tgaaattctg acacatgcta caacatggct aaaccttgag aacactatgc taagtgaaat aagccagcca caaaaggaca 29520 29580 29640 aataccatat tacttcactt gtatgaaata cctagggtag tcaaattcag agatagaaag 29700 taaaacagtg gttgccaagg gctgagggag ggagtaacgt ggagttattg ttgaatgggt 29760 29820 acagaatttc agttttgcaa gataaaaaga gttctggaga cagatggtgg tgagggtggt acaacaatac aaatatactt tatactactg aacagtatac ttaaaaatga ttaacatggt 29880 gaaaccccgt ctctactaaa aatacaaaaa aattagctgg gtgtggtggc gggcacctgt 29940 aatcccagct acttgggagg ctgaggcagc agaattgctt gaaaccagaa ggcggaggtt 30000 gcagtgaget gagattgege cacegeacte tageetggge aataagagea aaacteegte: 30060 tcaaaaaata aaaaataaaa aaaatttaaa aatgattaag caggaggcca ggcacggtgg 30120 ctcacaccta taatgccagc actttgggag gccgaggcag gcgatcactt gagaccagga gtttgagacc agcctggcca acatggcaaa accctgtctc tgctaaaaat acaaaaatta 30180 30240 gccaggcatg gtggcatata cttataatcc cagctactgg tgagactgag acacgagaat 30300 tgcttgaacc caggaggcag agattgcagt gagtcgagat cgcgccactg aattccagcc 30360 tgggcgacag agcaagattc tgtctcgaaa aaacaaaaac aaaaacaaaa agcaaaacca 30420 aaaaataatt aagcaggaaa cgagattgct gctgaggagg agaaagatgt gcaggaccaa 30480 ggctcatgag agcacaaaac tittcaaaaa atgittaatg attaaaatgg taaattttat 30540 atgtatctta ccacaaaaa aagggctggg gggcaggaaa tgaaggtgaa ataaagacat 30600 cccagagaaa caaaagtaga gaatttgttg ccttagaaga aacaccacag gaagttcttc 30660 aggetgaaaa caagtgacee cagagggtaa tetgaattet cacagaaaat tgaagcatag 30720 cagtaaaggt tattctgtaa ctatgacact aacaatgcat attttttcct ttcttctctg 30780

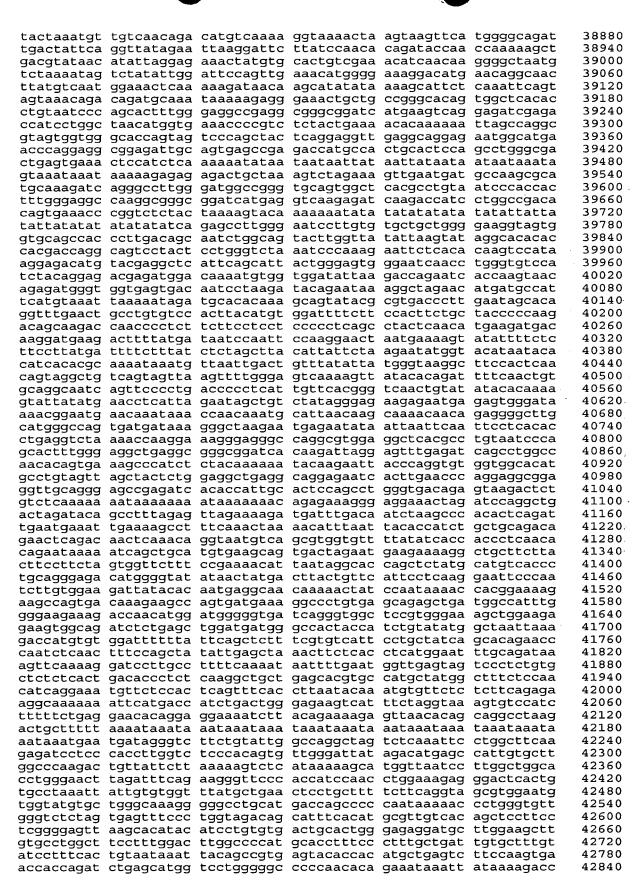


aaatgattta aaaagcaatt gcataaaata ttatatataa agcctattgt tgaacctata 30840 acatatatag aaatatactt gtaatatatt tgcaaataac tgcacaaaag agagttggaa 30900 caaagctgtt actaggctaa agaaattact acagatagta aagtaatata acagggaact 30960 taaaaataaa attttaaaaa atttaaaaat aataattaca acaataatat ggttgggttt 31020 gtaatattaa tagacataat acaaaaatac cacaaaaagg gaagaagaca atagaactac ataggaataa cattttggta tctaactaga attaaattat aaatatgaag tatattctgg 31080 31140 taagttaaga cacacatgtt aaaccctaga tactaaaaag taactcacat aaatacagta 31200 aaaaaataaa taaaataatt aaaatgtttg tattagtttc ctcagggtac agtaacaaac 31260 taccacaaat tgagtggctt aacacaactt aaatgtattt tctcccagtt ctggaggcta 31320 aacacctgca atcaaggtga gtacagggcc atgeteeetg tgaaggetet aggaaagaat 31380 cetecettgt etettecage trecagtggt teteagtaac cetaagtget cettggettg 31440 tagctatatc attcctagca accagaaaga agaaaataat aaagattatg gcaaaaaata 31500 atgaaatcaa aaggagaaaa atggaaaaaa ataaataaaa ccaaaagcta gttctttgaa 31560 aagatcaacc aagttaacaa accttttaac tagactgaca aaaaggaggt aagactcaaa 31620 ttactagaat cagaaataaa agaggggaca ttactaatga gggattagaa aagaatacta 31680 cgaacaaatg tgtgccaaca aattagaaaa cttagatgaa atggacaggt tcctaggaca 31740 acatcaacta ccaaaattta ctcaagaaga aagagacaat ttgaatgagc tataacaagg 31800 gaagagactg aattgacaac caagaaacta tccacaaaga aaatcccagg cccagaagat 31860 ttcactgtga aattctttca aacttataaa tataaattaa catcagttct tcacaaactc 31920 ctccaaaaa aagaacagat ctctatttac aggcgatacg atctttagaa aatcctaagg 31980 gaactactaa gacactatga taactgataa acaagttcag caaggctgca ggatagaaaa 32040 32100 ccaatataca aaaatctatt atatttctat acacttgcag tgaacaaccc aaaaatgaga ttaagaaaat aattcaattt acaataacat caaaaagaat aaaaacactc aaaaataaat 32160 ttattcaagt aagtgcaaaa cttatactct agaagctaca aaacactgtt aaaagaaatt 32220 aaaggtttac ataaatgaaa aactatccca tgttcatgga tcaaaagact tattactggc 32280 aatgetetee aaattgatet ataaatteaa caaaateett ateaaaatee cagatgagge 32340 tgggggtggc ggttcatgcc tgtaatccca gcactttggg aggctgaggc acgcagatta 32400 cetgaggteg ggagetegag ateageetga ecaacatgga gaaaceetat etettetaaa aatacaaaat tagteaggeg tggtggcaca tgcetataat eccagetaet egggaagetg 32460 32520 aggcaggaga atcgcttgaa cccaggaggc agaggttgca gtgagccaag atcgtgccat 32580 32640 32700 ccagatgact tcactgttga aattgaaaag attattctaa aattcacatg gaattgcaag accttgagaa tagccaaaac aaacttgaaa aacacgaaca aaatatagga tgactcactt 32760 gccaattgca aatgttacga cacagcaaca gtaatcaaga ctgtgtggta ctggcaaaag 32820 acacatacat acatacatat caatggaata taattgagag tacagaaaca agcctaaaca 32880 tctatggtaa gtgcttttct attttttct ttttttttt cttttttgta gagatagaat 32940 ctcaccatgt tgcccaggct ggtcttcaac ttctgggctc aagcaatcct cccactgtgg 33000 cctcccaaag tgctgggata actggcatga gccaccacat ccagcccaga tgattttcaa 33060 aaaagtcaac aagaccattc ttttcaacaa ataggtctgg gatgatcaga tagtcacatg 33120 aaaaaaaaaa tgaagttgga ccctccatca cactaaagtg ctgcgattat aggcatcagc 33180 caccacatcc agcccaaatg attttcaaaa aggtcaacaa gaccattctt ttcaacaaat 33240 aggtctggga taatcagata gtcacatgaa aaaaaaaatg aagttggacc ctccatcaca 33300 ccatatgcaa aaattaattc aaaaatgaat tgatgactta aacgtaagag ttacgactgt 33360 aaaactotta gaaggaaaca tacgggtaaa tottaaagac gttaggtttg acaaagaatt 33420 cttagacatg acaccaaaag catgaccaac taaggtaaaa tagggtaaat tgtacctacc 33480 aaaatgaaaa acctttgtgc tggaaaggac accatcaaga aatggaaagc caaaatagcc 33540 aaggcaatat taagcaaaaa gaacaaagct ggaggcatca tactacctga cttcaaagca 33600 acagtaacca aaacagcatg gtactagtag aaaaacagac acatagacca atggaacaga 33660 ataaagaacc caaaaataaa tccacatatt tatagtcaac tgatttttga caatgacacc 33720 33780 ccttcaataa atgatactag gaaaactgga tatcgatatg cagaagaata aaactagacc cctatctctc accatataga aaaatcaact cagactgaat taaagacttg aatgtaagac 33840 ccaaaactat aaaactactg gtagaaaaca taaggaaaaa cgcttcagga cattggtcca 33900 ggcaaagatc ttatggctaa aacctcaaaa acacaggcaa caaaaacaaa aatggaaaaa 33960 tagcacttta ttaaactaaa aagctcctgc acagcaaagg aaacaacaga atgaaaagac 34020 aacctgtaga atgggagaaa atatttgcaa actatccatc catcaaggga ctagtatcca 34080 gaacacacaa gtgactaaaa caactcaaca gcaaaaaagc aaataatctg gtttttatat 34140 gggcaaaaga tetgaataaa catteteaaa ggaagacata caaatgteae tateattetg 34200 ccagtaccac actificitiga tractifitta gigtataaat tittaaatti ggaagtigiga 34260 34320 gtcatcctac actttgttct tgtttttcaa gtttgttttg gctattctgg gagccttgca agtataaaat agccaacaag tatgaaaaaa tgctcaccat cactaatcat cagagaaata 34380 aaaatcaaga ccactatgag atatcctctc actccagtta gaatggctac tatcaaaaag 34440 acaaaatata atggatgctg gcaaagattt ggagaaaggg gaactcctat acactgtggg 34500 tagggatgca aattggtaat ggccattatg gaaaataata ctgaggtttt tcaaaaaact 34560 gaaaatagaa ctaccatatg atccagcaac cctactactg ggtatttatc caaaggaaag 34620 aagtcagtat actgaagaaa tatatgcact ctcatgttaa ttgcaacact gttcacaaca 34680 gccaagacag ggaataaatc taaatgtgca tcaacagatg aatggataaa gaaaatgtgg 34740 catatacact caatagaata ctattcagcc attaaagaag aatgaaatcc tgtcatccca 34800





gcaacatgga tgaacctgga ggacattata tttaatgaaa taagtaaagc acaaaaagat 34860 aaacagtaca tgttctcact cagacatggg tgctaaaaag aaaatggggt cacagaatta 34920 gaaggggagg cttgggaaaa gttaatggat aaaaatttac agctatgtaa gaagaataag 34980 ttttagtgtt ctatagaact gtagggcgag tatagttacc aataacttat tgtacatgtt caaaaaagcta gaagagattt tggatgttcc cagcacaaag gaatgataaa tgtttgtgat 35040 35100 gatggatate ctaattacee tgatteaate attacacatt geatacatgt atcaaattat 35160 35220 cactctgtac ctcataaata tgtataatta ttacgtcaac aaaaaaagga aaaaaaagaa aattaagaca acccacataa tggaagaaat aaaatatctg caaattatat atatctgata 35280 aatatttaat atttataata tataaagaac teetacaaet caagaacaac aacaaaacaa 35340 cccaattcaa aaatgggtaa aagccttgaa tatacactta tctaaagact atatacaatt 35400 ggccaataaa gacacgaaaa gatgctcaac atcactagtc atcagggaaa tataaatcaa 35460 35520 aaccacaatg tagaatgtag acaccacttc atatgcacta ggatggctag aataaaaagg taataacaaa tgitggtaag gatgtgaaaa aatcagaaac cicaticgci gctgttggga atgtaaagtg atgcagccac tttggaaaac agtctggcag ctcctcaaat tattaaatac 35580 35640 agagttaccg tatgacccag gaatattcct cctgggtcta taaccaaaaa aatgaaaaca 35700 tatatccaca taaaaacttg tacatgggca tttatagcaa cattattcat aacagcaaag 35760 gtggtaagaa cccatatgcc catcatctga tgaacaggta aataacatgc ggtattatcc 35820 35880 atacactaga atattatctg cccatacaag gagtgacatc cagctacatg ctacaaggat 35940 gaatetegga aacettatge taagtgaaag aageeagtea caaatgaeea cagattatga ttccatgcat cggaaatgac cagaataggg aaatctatag agacagaaag tagattagtg 36000 gttgggtggg gctgggagga caggtagtac actactttcc cagaactact ggaacaaagt 36060 accacaaact ggggagctta aacatagaaa ttgatttcct cacagttctg gagactagga 36120 ctctgagatc aaggtgtcag cagagctggt tctttctgag ggccctgagg caaggctctg tcccaggcct ctctccttgg ctggcaggtg gccatcttct ccctgcgtct tcacatcatc 36180 36240 ttttctctgt gtgtgcccat gtccaaattt tgattggctc attctgggtc atggccaatt 36300 36360 gctatgcaca aagtgaagtc tacttccaaa agaagggaag agggaacact gactaggcta aacttatagt cattttaatg tccgcttttc ctatgagatt gtgaacacac agaagtaggg 36420 tttttatcta cattgtgcaa agtttaataa gaaaaataga attcaagaga agcagttcaa 36480 tagcaggaat ttaatatggg aactaattac aaggtttagg gcaggactaa aaagccagtt 36540 gggatggtga gccaacccag agattagcaa cagtgggacc ccatctacct accacccatg 36600 aagctggaag gataaaggag gggctattat cagagtccac aagccagtgt cagagtcctt 36660 ggctggagct gggaccaccc tagagacact gtgcaaagca gaaaacaagg gggaaaaacc ctgacttctc ccttcctccc acctttcaat ctcccactag tgcttcctac tagccatact 36720 36780 tggccagaga cagtgacaag gaacactgca aaatgaagtt tgtaggaatc atctccctct 36840 gagacagaga aatatggaag ggtagaaaat gaatcagagg ataaagagaa aaaaccctga 36900 gtactatett atttatettt gtateteeag tgeetaatet gteteteaaa aaaggaaage 36960 aattgagaga aactgaaaac tccaattgaa atgaaagaat ggagaattac tggactagaa 37020 gagaagagaa aaatttattc cgcatagagt aaacaagaat ggattcacaa aggacgtgat 37080 gaatgaaaag ctataatcag caaagatttg ccagagaaat taaaaagtgg taaactcagc 37140 37200 cacgctgtac aacctgaagg cacaatgcat gaaaacgttt caagaaatga caagatttga agtcaaattc taagtgcttt tccagaatct ctcaagacga ttatatagct accccatttt 37260 attaaataaa atggaaactt actaaacttt ccccttgtat taaactaaca tatgtcctaa 37320 tagcaaacga ttctggaatt cctagagtaa aatatatttc gtcaaagtgt attgctcttt 37380 taatattctg ctgacctcct tttgctattt aggatatttg tatacacatc acacgtaaat 37440 ttggtctata gtitacatct acgggcttat actgttcttt ttttcatttt tttaaaattt 37500 ccaaccccca gtatccatat actgctctct atcagggtta ttttaacttt gtaaaatcag 37560 ctgagatgct ttccatgttt tttttttta ttttctgcca catttgaata gcataggagt 37620 37680 taccaccatc aaccttggat tatttaagca ttcacgattc cacgtgtgga ttttttattc agagtettte ttgtcattce tgctatcage acagaaccca atctcagett tecagetata 37740 ctctcacccc atggaatttg cagatgaagt tcaaaaggac ctttgcatta tcctgcctcg 37800 contettece collectità gacateacet tettetagaa egicitacet gacatgecel 37860 geteceaace cetgetgece aattgtgtge tetecegtgt cetggeetge catectettt 37920 agtaattgcc tgctccctca tctgtctccc cacccagaca ttaagctgaa tagactggat 37980 38040 ttgtgtcttg tccatcacta taatctcagc acctagtacc tagtaggtac ttaccatgta 38100 ttcattagca aaatgttatg tataaccttg caccttaaaa acaagagaag gaagacaaaa ttaagtctta agactatggt ttagaacatg gatcagaaac tacagtctgc agcccaaatc 38160 cagaccaaat gaagagacca tgttcattta catacaacct atagcagctt tcacactaca 38220 ggagcagagc taagtagttc caagggaaca cacggccctg caaagcctaa aatatttact 38280 38340 ctatagetet teacagaaaa agtttteaga teeetegttt agaactettg tteatatgea atttcactaa accatagttt tttgggtttg tttggttttt tttggcaaaa aggaatgagc 38400 cgatccagaa aaggttgaaa agaatgaatc attactgctg aaagaatgtg cacacagtcc 38460 gtcagtattc tgctgccatg ctgacaccca tccaatagtg tcatgagatg cagcagctac 38520 tactgtgttc tcaatgccga gtccacccac tccataacca tgtccaagca atcttgggaa 38580 catcatcacc atgcttgttt atccttaagg tattgcctca catacagcag tggctggtca 38640 taaagtcaaa tgacactagt ggccaggagg tcaagagaat gagtgaggac aggtgggtag gcagcccagg ccctagcaac agcaggagct cacccctcag tcactctagc caggactgaa 38700 38760 atacttttca ccctttcaag agagactagg aatctggatt tttatgtgaa atatcttgat 38820



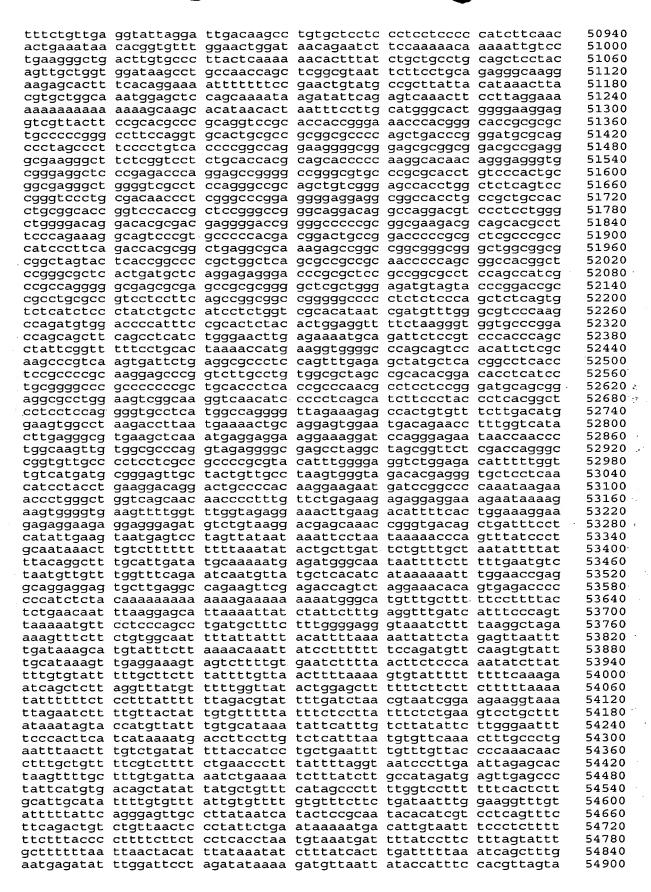




aaggactggg catggtggcc çatgccggta atctcagcgc tttgggagqc cgaggcagga 42900 ggaccagita agcccaaaag Cicaaagita cagigaccia igacigcgec aaigcacici 42960 aacctgggag acagagcaag acctgtccc caaaacaata aactaaacac atacttctgc cttccaagtg tcttaaaatt caatggaatg gtagaaacat ttttaaaaca ctaaatcaaa agaaacctgg aaaacaagag tgccgatggc caactaaaat gtctaggaaa tttctgaaaa 43020 43080 43140 gtaaaaagta ctcagaacca gattacctga gcaaaccata gcccaataca agcttgggag 43200 43260 gaggctgtta tgcagaagga aatggtaaca ggtttccagg aacagacttg taacagcaga 43320 tagaacagca gaggtagaac ctgacaaggt gattacctgg ggaactgcag tctgaatgac caggactgtt ggaccettee ceteacatgg aatacacaeg ceacteagea geacaceaea getetteaae aateacagga ggeacgetae geetagtaag acaggaaaaa aggaattete 43380 43440 aaacttcgaa gatgaacaca taaagaatca ccaagttttt attcagtatg atgaaacagg 43500 43560 gacactgaat caacagaaca caaacccaag caaagataat tactagagca catagaagaa 43620 attattagat attettggga agacetaagg ggacattata aagagcaage agttggtatg tgacgatett tgtgatatac caagaaataa aaacacagga tgaagaccag atagagaata 43680 atgctactat tigtgcaaaa aaggagaaat ggagaatctg attcatattt gcttgtattt 43740 gcatgaagaa actttggaag gtacataagt aactaacaac aatggttacc tacttgtaag 43800 43860 gcgagagaag taagaggaca ggaatggtgg gaacaccttt tgtgtccgga attggtgggt 43920 tettggtetg aettggagaa tgaageegtg gaeeetegeg gtgagegtaa eagttettaa 43980 aggoggtgtg totggagttt gttocttotg atgtttggat gtgttcggag tttcttoctt ctggtgggtt cgtagtctcg ctgactcagg agtgaagctg cagaccttcg cggcgagtgt 44040 tacagetett aagggggege atetagagtt gttegtteet eetggtgagt tegtggtete 44100 44160 gctagcttca ggagtgaagc tgcagacctt cgaggtgtgt gttgcagctc atatagacag 44220 tgcagaccca aagagtgagc agtaataaga acgcattcca aacatcaaaa ggacaaacct 44280 tcagcagcgc ggaatgcgac cgcagcacgt taccactctt ggctcgggca gcctgctttt attetettat etggecaeae ceatateetg etgattggte eattttacag agageegaet 44340 44400 gctccatttt acagagaacc gattggtcca tttttcagag agctgattgg tccattttga cagagtgctg attggtgcgt ttacaatccc tgagctagac acagggtgct gactggtgta 44460 44520 tttacaatcc cttagctaga cataaaggtt ctcaagtccc caccagactc aggagcccag ctggcttcac ccagtggatc cggcatcagt gccacaggtg gagctgcctg ccagtcccgc 44580 gccctgcgcc cgcactcctc agccctctgg tggtcgatgg gactgggcgc cgtggagcag 44640 44700 ggggtggtgc tgtcagggag gctcgggccg cacaggagcc caggaggtgg gggtggctca ggcatggcgg gccgcaggtc atgagcgctg ccccgcaggg aggcagctaa ggcccagcga gaaatcgggc acagcagctg ctggcccagg tgctaagccc ctcactgcct ggggccgttg gggccggctg gccggcgct cccagtgcgg ggcccgccaa gcccacgccc accgggaact 44760 44820 44880 caegetgqee egcaageace gegtacagee eeggtteeeg eeegegeete teeeteeaca 44940 45000 cctccctgca aagctgaggg agctggctcc agccttggcc agcccagaaa ggggctccca cagtgcagcg gtgggctgaa gggctcctca agcgcggcca gagtgggcac taaggctgag 45060 gaggcaccga gagcgagcga ggactgccag cacgctgtca cctctcactt tcatttatgc 45120 ctttttaata cagtctggtt ttgaacactg attatcttac ctatttttt tttttttt 45180 45240 tgagatggag tegetetetg tegeceagae tggagtgeag tggtgeeate etggeteaet gcaagctccg cctcccgggt tcacaccatt ctcctgcctc aacctcctga gtagctggga ctacaggcaa tcgccaccac gcccagctaa ttttttattt tattttttt ttagtagaag 45300 45360 cggagtttca ccatgttagc cagatggtct caatctcctg acctcgtgat ccatccgcct 45420 45480 concetecca aagtoctogg attacagacy toagccacto coccetocct atcttaccta tttcaaaagt taaactttaa gaagtagaaa cccgtggcca ggcgtggtgg ctcacgcctg 45540 taaccccagc actttgggag gccgaggcgg gcggatcacg aggtcaggag atcgagatca tcctggttaa cacagtgaaa ccccgtcgct actaaaaata caaaaaatta gccgggcgtg 45600 45660 45720 gtggtgggca ccggcagtcc tcgctactgg ggaggctgag gcaggagaat ggcgtgaacc 45780 tgggaggcag agettgeagt gageegagat agtgeeattg cetteeagee tgggegaeag 45840 agcgagactc cacctcaaaa aaaaaaaaaa aaaatagaga cccggaaagt taaaaatatg ataatcaata tttaaaaaca ctcaagagat gggctaaaga gttgacggaa caaatctaaa tattagattg gtgacctgca aaaccagccc aaggaacatc ccagaatgca gcccataaag 45900 45960 ataaagagag catttccgct gggcacagtg gtatggcagg ggaattgcct gagtccaaga 46020 46080 gttgcaggtc acattgaacc acaccattgc actccaggcc tgggcaacac agcaatactc tgtctcaaaa aaaaaaaaaa ttaaattaaa aaagacagaa tatttgagag aaaaaaatgc 46140 46200 ttatttcaag aaacatgaaa gataaatcaa gatattctaa ttcccaagta agaataattc 46260 cagaagcaga aaatagaata gaggcaagga aacactcaaa acttctccag tgccatagaa 46320 atgtgtatta atctttagaa tgaaacggac taccaaatgc tgagcaggaa gaacaaaaga gatccactct taagccagtg tggtgcccaa gcgcagtggc tcatgcctgt aatcccagca 46380 46440 ctttgggagg ccgaggcagg tggatcacct gaggtcagga gtttgagatc agtcaggcca acatggtgaa accetgtetg tactaaaaat acaaacatta getgggtatg gtggtgcaca tetgtaatee caactaettg ggaggetaag geaggagaat caettgaaac caggaggtgg 46500 46560 aggttgtagt gagccgagat catgccacac tcccagcctg ggtgacagag caagattcca 46620 46680 tctcaaaaaa aaaatccact cctagacaaa taatagttaa attttagaac accaaggaga aagaaaaaaa attgtaaagc ttcagagaaa ataaacatta actacaaaga aacgagagtc 46740 agacgcgtgc acticttcct agataccagc agataaagca atatctccaa aattcagaag 46800 gttttaacgt agaatcctat acccagtcaa gaatattcac atggaaaagt gaaataaaaa 46860



acattgttta aacatgcaag ggttcagaaa gtttaccatt cacagaatcc ctgaaaacaa 46920 aaccaaataa tcacttaagg actcattaag aaaacaaatg aaataaaagc accaatgatg 46980 agtaaataat cagaaaaatt tacagtttac ctaaataact gtttatgcat aatgtatgaa 47040 aacccaaaaa tttaatatgg gacagaatta aaatcatgat aagattettt tttgetttac 47100 tcatggagag ttcacataaa cagattatct tttaatagca agagaaaaaa atgtttagat 47160 atgtgtgaaa aactaagggt accaaaacag tgcaaattca tttatcatca ggaaaatcca 47220 aattaaaacc acagtatcca ccagaataac taaaaggtaa aagacagaaa ttaccaagag 47280 ttggcaagaa tgtggagcaa ccacatatac ttctggggta aataagttgg tgcaaccggt 47340 47400 actgaaaact gtttgctagt atctactaaa accgagcaca tgcacagact acaaccaagc agticcactc ccagatacac actcaacaga aatgcacaca ctcactcaac aaaagacgtg 47460 tactagagtg ttcatgtact tactattcat aatagtccaa aaatgcaaac aaccaactgc 47520 caatcaaagt caaatgtata tctatattag ggatatatac aatggcatat acacagcaat 47580 gagaatgaaa tgaaccagct cggcacagtg gttcatgcct gtaatctcag cactttgggc 47640 gggtaaggca ggcagatcac ttgaggtcag aaatttgaga ctagcctggc caacacggtt aaaacctgtc cccactaaaa acacaaaaat tagccggca tagtggttgc aggcctgtaa 47700 47760 47820 ttccagctac tcgggaggct gggttgggag aatcgtttga acccgaaagc cggaggtcgc agtgagegga gategtgeca etgeaeteca geetggaega tagageaaga eteegtetea 47880 aaaaaggaaa tcaaaaatat aaaataagat gacaggaata atccgcaaaa gatcagtaat 47940 caaaataaat ataaatgggc taaagctacc tattaaaaga caaagatttc acacccataa 48000 ggatagctac tatcaaaaaa agagagagaa taacagatgt tagcaaggat gtatggaaac 48060 tgaaattete aegeattget ggtgagaata taaaatggtt cageetetge ggaaaacaet 48120 48180 atgctgggtc atcaaaaaat taaaaataga agtactactt gatccaacaa ttctacttct gggtatatac ccaaataact gaaagcaggg tcttgaagag atatttgtac acccatgatc atggcagcat tattcataat agctatgatg tggaaccaac ataaatatcc tttgataaat atatggataa gcaaaatgtg gtgtatacat tcaatggaat attaattagc aataaaaatg 48240 48300 48360 aagaaaattc tgacacatgc tacaacatgg atgaaccttg agggcattac attaaatgaa ataagccagt tataaaaaga caaatactat atgaggtact atattagata ctcatgcaag 48420 48480 48540 qtacctaaaa taqqcaaatt catagagaca aaaaqcagaa tqqtgqttqc caggggctqc ggtaatggat acagagette aattttgtaa gatgaaaaaa ttetggagat tggttgeata 48600 4 acaatgtgca cacacttaac actggggaac tgtaaactta aaagtagtaa atggtaaaaa 48660 taaaaataat aaataataaa ttttatgtta ttttaccaca atatttatta aaagacaaag 48720 attaactaat taaacaaaat ccagccataa gctaatggta agagtaacaa ttaaagaaga 48780 cacagaaaat tgaaaatcag tgactagaaa aagatattcc atataaatgc taacaaaaag 48840 caagtacagc aatataaaga gaatgaacaa aaaaaaaatt aaataagatg gctcgtttat 48900 teccaaaagg tacaatteac caagaagata caagaattgt gaacetttaa geacataaaa 48960 49020 cagcttcaaa aatacaacat ttaaagaaaa atatatatta aacatagaaa tagtacaaaa acccctacaa gaatcataat gggagtcttc aatacaactc tccatatcaa caggtcaaac 49080 49140 agagaaaaaa aataagttaa ggatgcagaa aacctgaatt accatcaata aacttgagat taatatagaa ctgtataccc aatatactaa gagttcaggg aacagtcgtg actgacagtg 49200 gactgcaaat taatctgttc ttaatctttg tttttctttc agcactgtgg cagaatagag 49260 atcctaaaaa ccttccagct acaaaacatc tttttaaaaa tataaaaaa tacaaaaata 49320 actotgaaat caatagaaga cacatggtga aaccaaaatt otagaataca gggagaataa 49380 aggcattttc agatattaca aaaacagaaa attgatcatt gctgaagtaa titctaaaga 49440 atgtacttga gggagaagaa aaatgttcca aagaaaagta tctgtgatac aagaaggaat 49500 ggaaagtgaa gaaatggtaa acaggtagat aaagctaata aatgttgacc tagaaaataa 49560 49620 caaaaacaat agcaataatg tctcgttgga agggttgaag taaaaataca attaaggcca 49680 aatgtgaggt aagtggaatg aaagaattag aagtccttgc cttgttcaca ggactgatta aataaatgag ccaggttttc cattcaaaca gttaaaactt gaacaaaata aactcaaatt 49740 aagtagaaag ataaaaaaca gaaattaatg tcatagaaaa ataaaaaatc aatagaatta 49800 atcaataaat cctggttaat aaaagctggt tctttgaaag gattaataaa ataatcatta 49860 agcaagtctg atcaaaaaa aagagaaaag gtaccaaaaa aagtactgta tcagaaagag aacatacaga tacatacaga tatgtaagag tctgttttct tacaccagaa tactatatac 49920 49980 aacattatgc tagcatatat taaatttcaa taatgttaat gattttctag gaaaacagaa 50040 50100 aatattaaat ttactttgaa gaaacagaaa aactgagaaa aataaatgat catgaaaaaa atgaaaaggt aattaaatac tgatattaac tgcctaaaca acaccagcag cagcccaggc 50160 agtotgoagt caagttotgo caaacttgag ggaacagata attottotat tocagagoat agaaaatgat ggaaagttto coaatttaat cagagaggac agootgatoo ttgttatgaa 50220 50280 cacagataaa aatggggtaa actatatgcc aaactcagat accaaaaccc taaataagat 50340 gctagcttat tgatgtgaac aatccaaaag tgcattttaa attagcccag ggttttagag 50400 aaagaaaatc tagcaatgtg accaccactt atgttaacaa ttttaagacg aaaatctaca 50460 tgatcatatc aatgcatgct acacaaaagc atttgggcaa aaaacccaac acccaccctt 50520 gactttttaa actcttagta attaggcata aacagaaatg tacttaatgt gatagaatac 50580 actoggtgaa gatacagagg gaatgctccc taaaaccaag cocaagacaa agattcctat 50640 ttaacctcaa tagtcaacac tgcagcgaga gtaatctatg gaagacaagg aaaaaagtaa 50700 aaacatgaga gacatctgtt gtttaacaga caataagatc acctacttgg aagaggcaaa 50760 cgaatcaagc gaaaaactat taaaactgag acaggcttta gtatggaggc tcagcttcag ctgtagtttg ggctaccaaa ttcaactcgc ttgcttggag agttaatcct gcaaagctaa 50820 50880

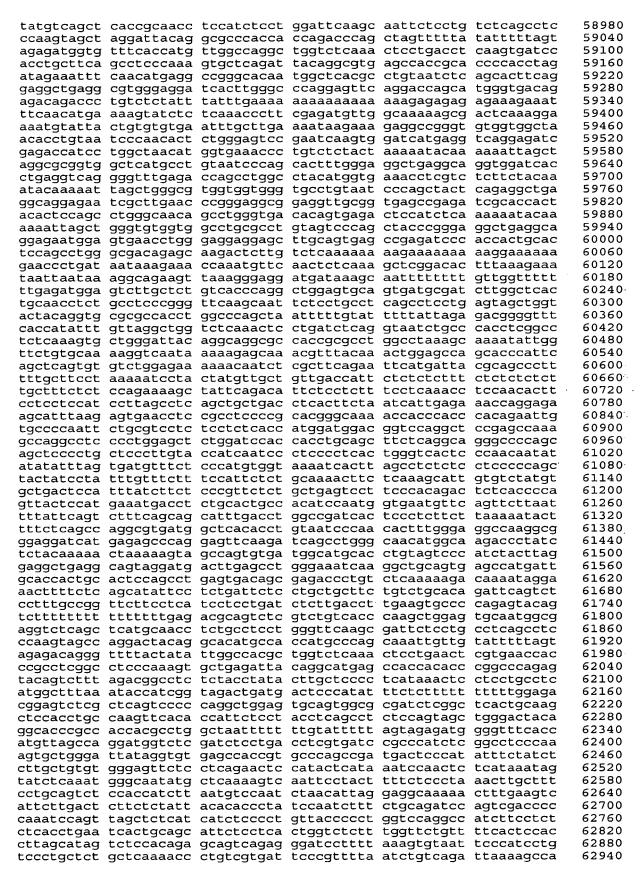






54960 qqtttataaa atcatacatt ctgctgtgta accataatcc cacgtttgtt ttagttccac toctacagtt aaaagattca gaagtattat taacagttat tttgccatag ttttttcccc 55020 55080 aacccatttt gtggtaagtt atgatcctgc tttagtttct taagaataat ttatagagca gagtgtggtg gctcacgttt gtaatcccag cactttggga gacaagaggt agaaggatcg 55140 55200 cttgaagcca gcagttcaag accaccctga gcaacatagt gagaccttgt ctctacaaaa aattttaaaa tttagccaga cgtagtggcg tgtgcctata gtcccagcta ctcaggaggc 55260 tgaggcaaga ggattgctag agcccagaag tttgaggctg cagtgacctc tgattgtgcc 55320 55380 actgcacccc agtctgggca agaaagtgag aacctatctc tttaaaaataa caataataac 55440 ttatgaaaat tatatteeet gagtttttea tgtttaaaaa tatttgttge etttateetg taaaagtttg agtataaatt cttgggttat actttattta ttgaagaatg tataagtatt 55500 55560 gtcttctaga attgagtgtt gctgtaatga aaccagaagt cagcctggtt tatttttcct cagaaatgag gtaattgccg gccggacacc gtggctcatg cctgtaatcc caacactttg 55620 55680 ggaggccgag acaggtggat cacgaggtca ggagattgag accatcctgg ctaacatggt gaaaccccgg ctctactaaa agtacaaaaa gttagctggg catggtggtg gacgcctgta atcccagcta cccgggaggc tgaggcagga gaatggcgtg aacctgggag gaggagcttg 55740 55800 cagagagetg agategegee actgeactee ageetgggeg acagagtgag acteegtete 55860 aaaaaaacaa aaaaaaaca aagaagtgaa gtaattgcca tgatgctcca agaattatct 55920 55980 ctttgtctat gaaatccaga aatctcactg ttatacattt tggaattatt attctgggcc aatatttcct gggacacaat agattgactc tatagattta atttttttt tttttttgag acagagtctc actgcaatct cagcttactg caacctctgc ctcacgggtt caagcaattc 56040 56100 tectgeetea geeteecaag tagetgggae taeaggegeg tggeaceatg cetggetaat 56160 56220 ttttgtcttt ttagtagaga cagggtttca ccatgttggc caggctggtc ttgaacgcct aacctcaagt gatccacctg cetcageete ceaaagtget gggattacag gegtgageea ceatgeecag cetcaattee tetttetate tggtaatttt tetgaagttg aaaacatttg 56280 56340 ttctaatacg ttatttcagt gttcttctaa gatgtgtaaa gcaccctatt cccaggtcag 56400 cccccatctt gctagtgagc teggetggtt cttcacaaga gctctggttt tctcctgctt 56460 aatotoaagt acototgtoa gootocacot ggtttatgat ttggagtttt ttggtttttg 56520 56580 ttttttgttt ttgacagagt cttactctgt cacccaggct ggagagcagt ggcataatct cageteactg caacetetgt etcecaggit tgagegatte tectgeetea geetactgag 56640 tagctgggat tacaggcgcg tgccaccaca cccggctaat ttttgtattt ttagtagaga 56700 tggggtttca ccatgttggc cagggtggtc ttgaactcct gacctcaggt aatccacctg 56760 cctcagcctc ccaaagtgct gagattacag gcgtgagcca ccgcgcctgg catggtttgg 56820 agttttaatc tgtagtttta ataaagatag tgcttatgtt tgtgtttctt atatttcttg gtactcttgg gtaatttgta agatccccat atctacacaa gaagtccatt ttcaattctt 56880 56940 57000 gctgtgtcac ttctggaggc tggagtgcag tggcgcgatc tcaggtcact gcaacctccg 57060 tetecegggt teaageaatt eteetgeete ageeteega gtagetggga ttaeaggeae etgeeaettt ttaattttt tagagacaga gtetegettt gttgaecagg etggagtgeg 57120 57180 gtggtgcaat catggctgac tataacctcc aaatcctggg ctcaagtgat cctcctgcct 57240 57300 cageeteetg agtagetggg actaeaggea catgeeacea tgeecagtta attttaattt ttttgtagag acagggtctc catatgttgc ccaggctggc ctcctactcc tggcctcaag 57360 57420 taatcctcct acctcagcct cccaaattac taggattata agcatgagcc accatgccca gccttgttct actactitaa tttcatatgt taggtgacca tgtaaitgat catccaaacc 57480 aggatactgt aagaatgaaa gaggetgaca gtagtatgat getgggaeta geattgtgea 57540 57600 ctgagattat ttctgggaaa gcaggagata cggtcaccct acttatagtg tgcttgtctt 57660 tggattgttg aatttggagt ttctatttgc aggcttattt caactgggca gccttgatcc gccctgccca gcaatgctac cgttctctcc accgggtctc,tgggacccct tcagtcacta 57720 57780 tacttagete agttececae ceteceaete ectaaaageg taaceaggaa teetgeetea gqtctactqc cqtcttccgt gggctgtttc agttcctatt acccagagtc aaactcccag 57840 57900 cattecetae eigattecag acttggagte cagagettta acetetteag gecaacteee cactttgcat ttctgtccct atatcttagt ccatggagat acatttcatg tctttgagtc 57960 tacttacaaa gtaaattttg ctgtttttta atttttttt tgagatggag tcttgcctg 58020 teacceagge tgtggtgeaa tgacgecate teggeteact geaaceteeg ceteetgggt 58080 58140 tcaagcgatt catctgcctc agcctcccaa gtagctgtga ttacagacag gcaccaccac gcccagctaa ttttttttat cttttagtag agacagggtt tcaccatgtt ggccaggctg 58200 qtcttqaatt cctqacctcq tgatctgccc atctcggcct cccaaagtgc tgagattaca 58260 ggcgtgagcc actgtgccca gccaattttg ctttttttat atttcattgc tatatgttta 58320 58380 gaggatàagt ttacagtgct atatgcattc ccaaatatta gaccaaaaaa atctccaaaa aattagaaag aaaatccaaa aaatctcaaa aaataccaaa aagcaacaat ctcacagacc 58440 atactcactg acccccaata aaataaaatt agaaattaac cacaacttaa caaaataaag 58500 tactcaagtc agagaggaaa gaggaaataa acatcaaaat tacaaagtct aggcggtggc 58560 tcacgcctgt aatcccagca ctttgggagg ccaaggcggg cagatcacaa ggtcaggaat 58620 tcgagaccag cctggccaat atggtgaaac cccgtttcca ctaaaaatac aaaaattagc 58680 58740 caggcatagt gatgtgtgcc tgtaatccag ccacttggga ggctgaggca ggagaatcac 58800 tgaacccagg gagacgaaga tigcagtgag ccaaaatcgt gccactgcac ticggcctgg gigacaaago gagactocat otcaaaaaaa aaaaaattao aaactottta gatagaaatt 58860 ttggtgtttt tttttgagac ggagtctcac tctgtcgcag aggctggagt gcagtgggac 58920









qaqtctttcc agtgacctac atgatctgcc tattatcacc tcccacttct ttccccttgc 63000 teactecact ecagetetge agetgteett tetgttteet gaacageeca gattttgett 63060 63120 ctttagaacc tttgtatttg ctgtcccctc tgtctggaat gtttttccag gaagtcacct ggetetetee tgeactteet teetgaceae catgtttaaa aateaeteaa acacaettea 63180 ggccggacat ggtggctcac gcctgtaatc ccagcacttt gggaggccaa ggtgggtgga tcacctgagg tcaggagttc gagaccagcc tggccaacat ggtgaaactt cgtctact 63240 63300 acaaatacaa ataqtaqcca ggtgtagtgg cacacacctg taatctcagc tactcaggag 63360 gctgaggcag gagaatcgct tgaacccaga aggcagagga ggtgcagtga gccaagatca 63420 63480 cgccacaaca ccccagcctg ggtgacagag caagacccca tctcaaaaaa aaaaaaagaa aaaaaaatca cacaaacaca cttctcttca tattcctttt ccaagtttta tttttctcca 63540 63600 gaatacttta cattgtttta atggaagttc tccgtttccc cccaactaga atggatactt 63660 cctgcaggta ggcactctag tcctcccatc caagtactaa ccaggctcaa ccctgcttag cttctgagag caggggagat caggcctgtt cagggtggta tggcccagga attttgattc 63720 tgttttatte attgetgtte tgttgattet ettttgttee teeteetagt getgagaaca 63780 ctacttgtac ataataagca ttcaataaat atttgttgaa tgaatgactt gttgaatgaa 63840 ttaatctcag aaatgcagga ctggttctac attagaaaat ttttcaaggt cattctctgt 63900 tgtcgtaaca cattaagaga ggaaaatttt gtactctaaa tcatttgata aaatacatac 63960 tgatttctgt tttcaaaaac tcttagtggc tgggcgaggt ggctcacatc tataatccca 64020 gcattttggg aggacgaggt gggcggatca cttgaggtca ggagtttgag accagcctgg ccatcatggt gaaaccctat ctctactgaa aatagaaaaa ttagccgggt gtggtggcgc 64080 64140 atgcctgtag tcccagctac ctgggaggct gaggcaggag aatggcttga acccgggagg 64200 64260 cggaggttgc agtgagccaa gatcatgcca ttgcactcca gcctgggtaa cagagtgaga ctccatctca aaagaaaact cttagtgagt ttaggaatcc aaggaagacc ctcaaactaa 64320 atagataatc tagctaccag aagccttcag taaaccttaa cactccatgg tgaaacatta 64380 gaaacattcc tactaaaaga caggctaaga atgcctgcaa tcttcacggc tagtccaaga 64440 agtcaaaaag aagaaatgag cgctgattta aaaaaataaa caaacaaaaa actaccgatg 64500 cagaggetgg cagcaaggac tgaaggactg tacagtactt geetggagea ggeggatgge 64560 cacacccetg cgaagcetgc teagetgget gggggaeget ccagtgtgtg agtggcagga 64620 tgcagggtac ttcctctgcc agggagttgc actggggaga tcctccccca ctcacacttt 64680 ggcagctggg gctttggaat gtgacttagc ttctgtcaaa gggtcaatcc accctttgat 64740 atatgatgca aaggcgaaca tatgatgcaa aggtgagaga acagcccaaa ttaggacttt 64800 taccacaget gtggaggtgg acagegacag tggtgggccc tggccagact tttcatgctc 64860 aaaggtggtg gttgttcttc ctacttcttg tccctccagg gcttcctttg cctgtgtgct gaacctgctt cttttaattt tttttaactt ttttaaattt ttaattgttt taattaaaac 64920 64980 aaattttgaa aactgtctga acctgctttt gaaccctgct atgatttgaa tgtttgtccc 65040 65100 ctgccaaact gattttgaaa cttaatctcc aaagtggcaa tattgagatg gggctttaag cagtgactgg atcatgagag ctctgacctc atgagtggat taatggatta atgagttgtc atgggagtgg catcagtggc tttataagag gaagaattaa gacctgagct agcatggtcg ccccttcacc atttgatatc ttacactgcc taggggctct gcagagagtc cccaccaaca 65160 65220 65280 agaaggetet caccagatac ageteetcaa cettgtaett etcageetet gtaactgtaa 65340 gaaataaatg cettteett atgaattace cagttteaga tattetgtta taaacaatag 65400 aaaacgaact aaggcaaact ctcatgattc tactgccatg ccattccaat aaactccctt tatgcttaag agagccagag ttggccaggc gtggtgactc acgcctgtaa ttccagcact 65460 65520 ttgggaggcc gaggcaggtg gatcacaagg tcaggagatc gagaccatcc tggctaacac 65580 65640 ggtgaaaccc cgtctctact aaaaatacaa aaaaattagc tgggcgtggt agtgggtgcc 65700 tgtagtecca getacteggg aggetgaage aggaggagaa tggegtggae eeaggaggeg gagettgeag tgagtegaga tegtgeeact geacteeage etgggtgaea gaatgagaet eegteteaaa aaaaaagaga geeagagttt atttetgttg ettgeaacea agaaatetgg 65760 65820 ctggtgcact gaagtttcca taaataatag caatttaaag actctttcca agccaggcaa 65880 65940 tgcctagcct tgtgtagtcc ttgtggtaat acattcattc attcatttgt tcaaccaact 66000 gtgctccaga gactaagaat acaaaaatgg gggccgggtg tggtggctca cacctataat cctagcactt tgggaggccg aggcaggtag atcacctgag gtcaggagtt cgagaccaac ctggccaaaa tggtgaaacc cctactctac taaaaataca aaaaattagc tgggggtggt 66060 66120 ggcggacacc tgtaatccca gctactcgtg agactgaggc aggagaatca cttgaacccg 66180 ggaggcagag gttgcagtga gccgagatcg caccactgca ctccagcctg ggcaacaaga 66240 gcgaaactcc acctcgaaaa aaaaaaaaaa aaaaaaagag ggccggggct gggcgcagtg 66300 66360 gctcacgcct gtaatcccag cactctggga ggccaaggca ggagaattac gaggtcagca gatcgagacc agcctgacca acatggtgaa accccatctc tactaaaaaat acaaaaatta 66420 teegggegtg gtggegeaca cetetagtee eagetaettg ggaggetgag geaggagaat 66480 cgcttgaacc cgggaggcag aggttgcagt gagccgaaat catgccactg cactccagcc 66540 66600 66660 ctagaatcta taccctgagt ccttactgaa atcaatccag cagtcaaaac atgggaccaa 66720 66780 cgatcacagc agtaagatag gaagagcacc tttgtacatt tagctcatgt tgagataagc cactgacaga gctgaaggaa gctcacagtt ctgggttcca tcctttggca tttaaaaaga 66840 aaagigctaa gaaaaticgg itggtcacgg tggctcacgc ctgtaatccc aacactttga gaggccaagg caggcagatc acgaggtcag gagttcgaaa ccagcctggc caacatggtg 66900 66960





67020 aaaccccgtc tctactaaaa acagaaaaat tagccgggca tggtggcgca tgcctataat cccagctact caggaggctg aggcaggaga attgcttgaa cccgggaggg ggaggttgca 67080 gegagtgaga geaggeeact geacteeage etgggagaea gageaagaet etgteteaaa 67140 67200 ttcaggccag gccaggcctg gtggctcaca cctgtaatcc caacactttg ggaggctgaa gcgagacggt gccttagccc aggagtttga gaccagcctg agcaacatag cgagaccctg 67260 67320 tetetataaa aaaaaatttt tttttggeea gaegeagtgg eteaegeetg taateeeage 67380 67440 actttgggag gccgaggcag gtggatcacg aggtcaggag atggagacca tcctggctaa 67500 cacggtgaaa ccccatctct actaaaaaat acaaaaaatt aaccgggcgt ggtggcgggc 67560 geotgtagte ceagetacte gggaggetga ggeaggagaa tggegtgaae eegggaggeg gagettgeag tgageegaga ttgegeeact geacteeaga etgggagaga gtgagaetee 67620 gtctcaaaaa aaaaaaaaa aaaaaaaaat taattgtcag gtgtgctggc atgcagctgt 67680 67740 agtcctagct actcgggagg ctgaggtaag aagatcgctt gagcccagga gttcaaggct 67800 gcagtaatag tgcctctcac tctaccctgg gtgacaatga gaccctctct caaaaagaaa 67860 67920 aaaagaaaag gaaggaagga agaagaaaaa aaaagaaaga aagaaaagag agagaagttc aaagaccaaa gggtcaggat cccaaaatag tttttatgtt ttatttattt atttacttat 67980 68040 ttatttttga gacagtatgg ctctgtcgcc caggctggag tgcagtgatg cgattgcggc teactgeage etceaaactg ggeteaggtg geceteceae etcageetee egagtagetg ggaccacagg egegtgeeae catgeecage taattttta attetttgta gagatgaggt 68100 68160 ctctatatgc tgcccaggct ggtctcgagc tcctgggctt aagccatcca cccgcctggg 68220 cctcccaaag tgctgggatt acagaagtga gccaccgcgc ctaatcgggt ggtttgtttg 68280 tttattgacg gggtctcgct gctgcccagg ctggagtgcc agtggctgtt cacaggtgca 68340 gtcctggagc attgcatcag ctcttgggct ctagcgatcc tccagagtag ctgcagctgg 68400 gattccaggc gcgccaccgc gcggggctca gaatgggttt ttatattgag ggttatgctg 68460 ccacctagag gatatatgta gtaccgaact gtgtgcgcag ggaggctgag gttgcagtga 68520 68580 gccaagatga tgccagggca ctccagcgtg ggtgacagag caagatttca tctcaaaaaa aaaaaaaaa aaaaaaaaa aagaattgaa agtaaggtct tgaagagata tttgtgcctg 68640 68700. tatggtcata gcagtattaa ctttgaccca ctagctaaaa cacaaaagca acatgtgtct gtcagcaggt gaacggataa acaaaatgtg gtatatatgt acaattgaat attattcagc 68760 ctttaaaaag gaataaaagg ctggatgcgg gggctcacgc ctgtaatcct aacactttgg 68820 68880 gagactgagg tgggtggatc acccgaggtt aggagtttga gaacagcctg gccaacatgg tgaaacttca tctctactaa aaatactaaa attagccggg catggtggca cttgtctgta 68940 69000 atccaagcta ctggggaggc taaggcagga gaattgcttg aactcaggag ccggaggttg cagtgagcta agatggcacc actgcactcc agcctgggca acagagtgag actccatctc 69060 69120 aaaacaaaca aacaaaaaat tattatttcc aaagaaacaa gaccctgggt ccatttccca gcccacacct gatgttgact cacaacacac agcctggttt gctatgagcc tgcttcattt 69180 69240 aattgtcacc ttaacttcac atcaccctca agtcctggaa taactctttg ctgacctttg tgtgctgage catetecatg tegeteaacg tgcagtecet etcactgcae tgagteaata 69300 gccagacgtg gtctgactgc agggtcatcc ttggtggctt aggctgactc gggcatagca 69360 69420 gggtgctctg agacctcacc gcatataggc tttgccccca ataaactcta tataatattc atattatgtg gtctgggtgt gtgtagcttt gcactgtctt ctcgtgacag tgccctcaac ctctttccca ggatttcctc ctctacctcc tcaagtccca ctgctctgca aagaccaaaa 69480 69540 gctgcagagt cccagetece teetttacae eccaegaege ageeteetet etcagaacee 69600 tttaaacaga gtcttttact gcagatccca agaacagcca caccctctc tcccacccac 69660 69720 tecagacaca eccaggtaat tatageacee agggtaacta tgtagatgga gteeetggaa 69780 catgtggata gtgcccctg ggagtatgca aaagcaacat tgctggcacc tgcagagaac agggtgacat ccaggaatca gagcatgggc ctctgggagg tagggatgtg gccaggcagg 69840 ctgccaaaaa ttggtagagc aaggccacag gatctttctg accttccttc caaacagagg 69900 69960 etectgtact ggtgatecet gtgttgattg accaetecet teetgggggt egtggtetet 70020 gtcccagttg cccggacttc tgtgagtgtc ctactgaggt ccttttcatg agaagcatgc tgtccttcca cctgctggga gcaagagtga caacttcaat actataatag cagtggcata 70080 cagagaagaa gaaagatgaa gtggcaagaa aaacaggctt ccaagcagga gtttttctat 70140 70200 aaaaacaaaa acgtttacaa gcaaactttt tataaagggc tagatagtaa atattttagg ctttgagagc cacatagact tgtttgcagg gactcaatgt cgctattgta gtttgaaagc agccatcagg gttatgtaaa tgagtgagtc tgattttgtt tcagcaaaat tttatttacc 70260 70320 70380 aaaacagaca atgagtgggc tggatttggc ccatgatcct tagtttgcca actcctgctt tgggctcacc cagatetgat tttgaattet ggctetgeta etggttaget geaggagett 70440 ggaaggetet etgageetgt tteeteatet gtaaaattaa ageaataatt tetaacaete 70500 70560 aagagtgtta cctcacgcct gtaatcccag cactttggag gctgaggcag gcggatcacc tgaggtcaga agttcaagac cagcgtggcc aacgtggcaa aaccctgtct ctactaaaaa 70620 atacaaaaag tagccgggca tggtggcgcg catctgtaat cccagctact tgggaggctg 70680 aggcagggat actgctagaa cctgggaggt ggagcgtgca gtgagtggag atcacacete 70740 70800 cacactecag cetggeegae agagegagae tecateteaa aaaaaaaaaa aaaaagagtg ttagaaggtt ttgagataat gaataaaaga tgccttgtgt atactaagta ttcaacaact 70860 gatagcigca tiggictaat tataacagit tagaagcgat tgagtcaaca aatgciggat 70920 ttgtcaggga ggacttccta tcaggaggta gatcttgggc tgagtcctga agcaaagata 70980





71040 ggcattggat agaggagttg agagaacacc ctaggactgt tattattatt attcgacacg gagtetettg etetgteace caggetggag tgeagtggeg egatetegge teactgeaac 71100 ctctgcctcc caggitcaag cgattctcct gcctcctaag tagctgagac tacaggtgtg 71160 71220 tgccaccaca cccggctaat ttttatattt ttagtagaga cagagtttca ccatgttggc 71280 catgctggtc tcgaactcct gacttcaggt gatccacccg cctcagcctc ccaaagtgct ggaataacag atgtgagcca ccgcacccag cccagaacca tttttcaatc cttggctctg 71340 ccttttatta gctgcaagat ctcaggcaat ttatttaacc tctccaaaga ctcattttct 71400 71460 cattcacaaa atgaggcaaa taataatatc tactatccca ggttgtcatg agaattaaat gcaacatgac atttaatgaa atgagaagtc ccttggacat taactggcta aagtatgtgc 71520 togacaagga tatcattīta ggiggatāci tagcātotoa gaacigaigo toacaaigga 71580 71640 atatcattga aacgcattaa aattcatttt aaatgattgt aggtagtgag gcaattgaaa gaagaagaca agaggactga ttataatgct tcaggctcac tagtctcctt ttaggaggga 71700 aaaacaattt caagttaaat tttaggctct agatttttac ccctgctgct cattagaatc 71760 acccagattg atgaaatcag agcccatctg aggctgtgtt tttcatctcc agaatgagag ctgttgtggg gattaagttt ttgaaaaagt acatctaaca ggtgatcgaa aatgatagtg 71820 71880 atattattgc agtgatggtc attattgttg ttattattat actgaaagag gcttcagttt 71940 tctgatccat aaagtgaggg aattgcatga gaccattgct aagattcctt ctagctctgt 72000 72060 ttttttgttt ttgttttta gacagagtct ctgtcgccca ggctggagtg caatggcatg atcttggete actgeaacet eegeeteeeg ggtteaaatg ateeteetgt eteageetee 72120 gaagtagetg ggactacagg cacacaccac catgeccage taacttttat atttttaata gaggtggggt tteaccatat tggteagget ggteteaaac teetgacete aggtgateea 72180 72240 cccgcctcgg cctcccaaca tgctgggatt acaggcatga gccactgtgc ccaacccett 72300 72360 ctagetttet tgateactga ttetagggtt etetgetgaa atatatttga gacateetgg 72420 ataaaagatc atgcaagagc tcccaatatg gtattaataa ttgattctgg aggcttagct 72480 actectgatg gattagaeat gacteaactg cetetettat gtgtacaaca caacaacaca accaagaaag gttattctgg cattccattt attcagttta tttacagccc ttacttccag 72540 72600 cagcacgtta aagatatggc cagggccggg tgcagtggct caagtctgta atcccaggac tttgggaggc caaggtgggc ggatcacaag gtcaggagtt tgagaatctg gcaattcttc 72660 72720 agacttagaa gcaaccagct cgataacaca gtcttgtgtg ggctctccct ctgtccctcc ctegettece teatttetea tecetgeece tgagaetgtg caeetteaca tagecetgee 72780 atgagacett cateteagge tttgetttet ggggtaactg aggetaaaca etgagtggee 72840 72900 ctaaaagagg attgggattt ggaagttaga ttattcacca gagaacagac tttgctgatg 72960 atcaggccca ggttgtaatt gttgaaaaaa agagaggatg catagtctta tctcatctcc tagtcaaagt caacaccatg ataaataaga gtcaaatcct gagatgtgaa ttggggacat 73020 ttgagtggtt aaccetgaga agettgcace ttcagacece tcaatacece tgctceccag 73080 73140 agaaggetgg acattgacet cagcacagge aggagecetg caagatgeca tttgteetac 73200 taaagatgga cccctccact ctgtttctag gtaaataacc aaagtcaagt ctccacacag cctgagcaag aaagtcagag cctgctacag gagaaaatac cacactggcc aaaggattca 73260 ctagccctgg ccactgtgtg tgggaggaac cagggaatca tgtgtgggag tcaatgttga 73320 agctgttgga ctgggggtgg ggtggaatat aagcctggcc ctggggagtt tttcccgttt 73380 73440 gagggccttt acccacaact caagatccag tgctatagca ggagatccca gagctagtcc taacagatgg tcaggattga acttggccta gagtaaaatg aggaggatag tgccagaact 73500 ttctcaacat actattgagg aagaggtcag aaggcttaag gaggtagtgt aactggaaag gggtcctgat ccagaccca ggagagggtt cttggacctt gcataagaaa gagttcgaga 73560 73620 cgagtccacc cagtaaagtg aaagcaattt tattaaagaa gaaacagaaa aatggctact 73680 ccatagagca gcgacatggg ctgcttaact gagtgttctt atgattattt cttgattcta 73740 tgctaaacaa agggtggatt atttgtgagg tttccaggaa aggggcaggg atttcccaga 73800 actgatggat cccccactt ttagaccata tagagtaact tcctgacgtt gccatggcgt 73860 73920 ttgtaaactg tcatggccct ggagggaatg tcttttagca tgttaatgta ttataatgtg 73980 tataatgagc agtgaggacg gccagaggtc gctttcatca ccatcttggt tttggtgggt 74040 tttggccggc ttctttatca catcetgttt tatgagcagg gtetttatga cetataaett ctcctgccga cctcctatct cctcctgtga ctaagaatgc agcctagcag gtctcagcct 74100 cattttacca tggagtcgct ctgattccaa tgcctctgac agcaggaatg ttggaattga 74160 attactatgc aagacetgag aagecattgg aggacacage etteattagg acaetggeat 74220 74280 ctgtgacagg ctgggtggtg gtaattgtct gttggccagt gtggactgtg ggagatgcta ctactgtaag atatgacaag gtttctcttc aaacaggctg atccgcttct tattctctaa 74340 74400 ttecaagtae caccecege etttettete etttteette tttetgattt tactacatge ccaggcatgc tacggcccca gctcacattc ctttccttat ttaaaaatgg actggggctg 74460 ggcgcggtgg ctcatgcctg taatcccagc actttgggag gccgaggcgg gcggatcatg 74520 74580 aggtcaggag atcgagacca tcctggctaa cacggtgaaa ccccgtctct actaaaaatg 74640 74700 74760 tagetgggea tggtggegeg tgeetgtaat accagetaet etggaggetg aggeaagaga 74820 74880 ategettgaa eecagtagge ggaagttgea gtgageegag atettgacae tgeacteeag 74940 75000 aaagagcaca gacagagtca caggtatttg cagtaggaag ctgtcaggtt agagtgcacg

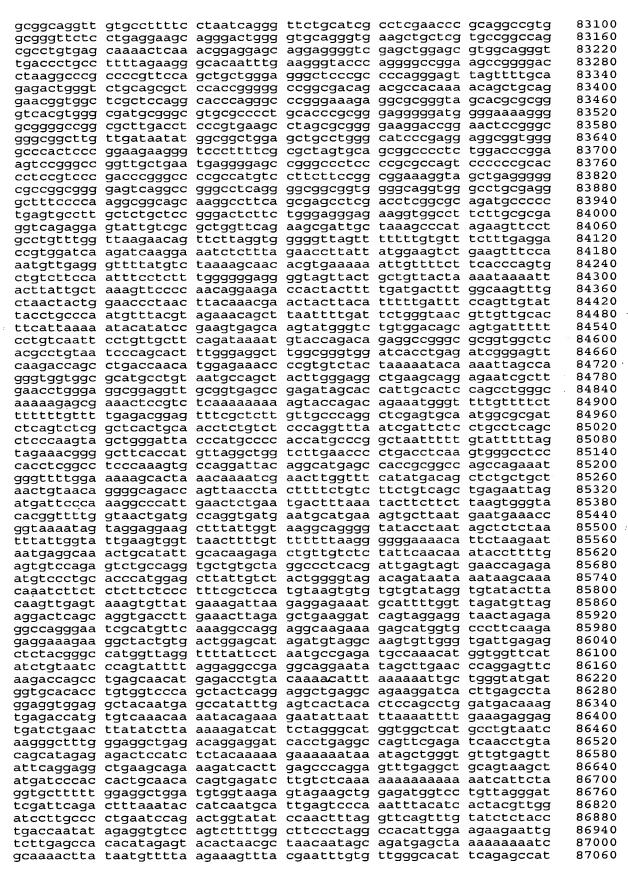




75060 gaaatagaaa gtatatttta cacttacagc acatcttcgt ttgattagcc acatttaaaa tactgaatag caacgtgtgg ctatttagta ttcactaaaa tcttggacag tgcaagtcta 75120 aagaateett gateegteeg geatggtgge teaegeettt aateeeagea etttgggagg 75180 75240 ccaaggtgga aggatcactt aaggtcagga gttcgagacc agcctggcca acatggtgaa acctcgtctc tactaataat acaaaaaaaa ttagccgggc atggtggtgc atgcctgtaa 75300 tcccaggtac ttgggaggct gaggcaggag aatagcttga atccaggagg cgctgcagtg 75360 agoogagato atgocatgoo actactgoac tocagootgg gcaacagagt gagactgtot 75420 75480 caaaaaaaaa aaaaaaattg ttgggcgtgg tggctcacgc ctgtaatccc agcactttgg gaggetgagg ggggtggate acetgggtte tggagttega gaceageetg geeaacatgg 75540 tgaaacccca tctctactaa aaatacaaaa attagctggg cgtggtggtg ggcacctgaa 75600 atctcagcta ctcaggaggc tgaggcagga gaatttcttg aacccaggag gcagaggttg 75660 cagtgagcca agatcgcgcc tctgcactcc atcctgggtg gcagagcaag actatgtctc 75720 aaaaaaaaa aaaaaaatac ttgattgtct ggacattctg cagaacatca tatggagaca 75780 ctatgttgac gacatcatgc tgattgtaag caagaaatgg caagtgttcc agaaacacag 75840 tcaagacaca tacatgccag aaggtgagat ataaactcta ctaagattca gtggcctgcc 75900 acactggtga catttttaaa cctgctagat gtttgtgtag aaaaggattt aaccttgccc 75960 aaagaggggt ctggcctttg tccccagcta ctggacataa tctctttaaa ctcttgaaat 76020 atcattcctg atagaagtat ttttgttttg actaggggcc ttgggccagc cagatagcaa 76080 caatgtgatc tgggttgggg gctttggatc aggtggcatc agtgtgacct cctgagtggc 76140 tagagactag aatcaaccac atgggcagac aacccagctt acatgatgga attccaataa 76200 agactttgga cacaagggct tgggtaagct ttcctggttg gcaatgctct atactgggaa 76260 acceattetg actecatagg gagaggacaa etggatatte teatttggta eeteeetggg 76320 ctttgcccta tgcatttttc ccttgtctga ttattattat tattatgaga tggaatctcg 76380 ctctgtcacc caggctggag tgcagtggaa tgatctcaac tcactgcaac ctctgcctcc 76440 ccggttcaag cgattttcct gtctcggcct cccgagtagc tgggactaca gatgcatacc 76500 accacacccg gctaattttt ttgtattttt agtagagacg gggtttcacg ttagccagga 76560 tggtctcgat ctcctgacct catgttccgc ctgcctcggc ctctcaaagt gctaggaata 76620 catgtgtgag ccaccgcgcc cagccccctt ggctgattat taaagtgtat ccttgagctg 76680 tagtaaatta taaccgtgaa tataacagct titagtgagt tittgtgagca citctagcaa 76740 attatcaaac ctaaggatag ccttggggac ccctgaactt gcagttggtg tcagaaataa 76800 gggtgctcat gtgtgtacca tgccctctaa ttttgtagtt aattaacttt cacaacttta 76860 ttattaccgc ttacactcaa tgtttattca catttatcca cataccactt attctagtgc 76920 cttgcatcaa agactttcta tctcatgtac tttattctgc ttgaagtaaa tcctttagga 76980 taticttttt tittttaaa ctttgcacat acatactttt atttttatt tattttaat 77040 tttgttattt ttgtgggtac gtagtagata tatgtattta tggagtacat gagatgtttt 77100 77160 gatacaggca tgcaatgtga aataagcaca tcatggagaa tggggtatcc atcctctcaa gcaatttatc cttcaagtta caaacaatcc aattacactc tttaagttat tttaaaatgt 77220 77280 acatttaatt ttgtattgac tagagtcact ctgttgtgct atcaaatata atttttttt tttttgagac agagteteac teagtggeec agactgaaag tgeagtggea eaagetegge 77340tcacttcaat ctctgcctcc ctggttcaag cgaatctcct gcctcagcct cccacatagc 77400: tgggattaca ggcacacacc accatgccca gctaattttt atattttttt agtagagacg 77460 ggttttcgcc atgttggcca ggctggtctt gaactcctgg cctcaaatga tctgaccacc 77520 tragectree aaagtgetag gattaragge atgagerace acacetgger aaaatagaat 77580 attetttagt gaggtetget ggtgacaatt tttttetttt ttttgagaet gagteteget 77640 77700 gttgtcagct tgggctggag tgcaatagca cgatctcagc tcactgcaac ctccacctcc cggattccag caattctcct gcctcagcct cccaagtagc tgagagatta caggcaccca 77760 ccaccacacg cggctaattt ttgtattttt agtagaaatg ggggttcacc gtgttggcca 77820 ggctggtctc gaactcctga cctcaggtga tccacccacc ttggcctccc aaagtgctgg 77880 gattacaagc atgagccacc acgcacagcc aattttttcc gtttttgtct gaaatcttat 77940 -78000 tcattattat tattattttg agacagggtc tcactctgtt gcctatgctg gggtgtagta atgtgatctc ggttcactgc agacttgacc tcctagggct caggtgatct tcccacctca 78060 78120 gcctccctag tagctgggac tacagatgca tgccaccata cccaactaat ttttctattt 78180 tttgtagaga tgaggetttg ceacatttee caggetggte tetaaeteet gagetetage 78240 aatccaccca cettggeett acaaagtget gggeeatgae tagecageag ttaettttta 78300 tagcatattg aatatttaat atgaatcttc tggcatccac tgtaactgtt taaaaaatca 78360 gcigtttaci tggcactctt ttittttttt ttitttttga gacagagict tgccctgtcg 78420 cccaggetgg agtgcagtgg egtgatettg geteactgca agetetgeet eeegggttca 78480 egecattete etgeeteage etceggagta getgggaeta aaggegeeeg eeaceaegee 78540 eggetgattt ttttgtattt ttegtagagt tggggtttea eegtgttage eaggatggte 78600 tegateteet gacetegtga tetgteegee teggeeteee aaagtgetgg gattatagge gtgageeace gegeeeagee tettttttt tttttttag aeggagtett aetetgteat 78660 78720 ctaggctggt gtacagtggc gtgatctcag ctcagtgcaa cctccacctc ctgcctcagc 78780 ctgccaaata gctgggatta caggtgcgta ccatcacgcc cggctaattt ttgtattttc 78840 78900 agtagagatg gggtttcacc atgttagaca ggctggtctc gaactcctgg cctcaagtga totgootgoo coagootooc aaagattaca ggoatgagoo accgcaccog gccaagtago 78960 actcetttga agglaatetg etteceetae ecetageaat ttttaacaat ttttetteat 79020



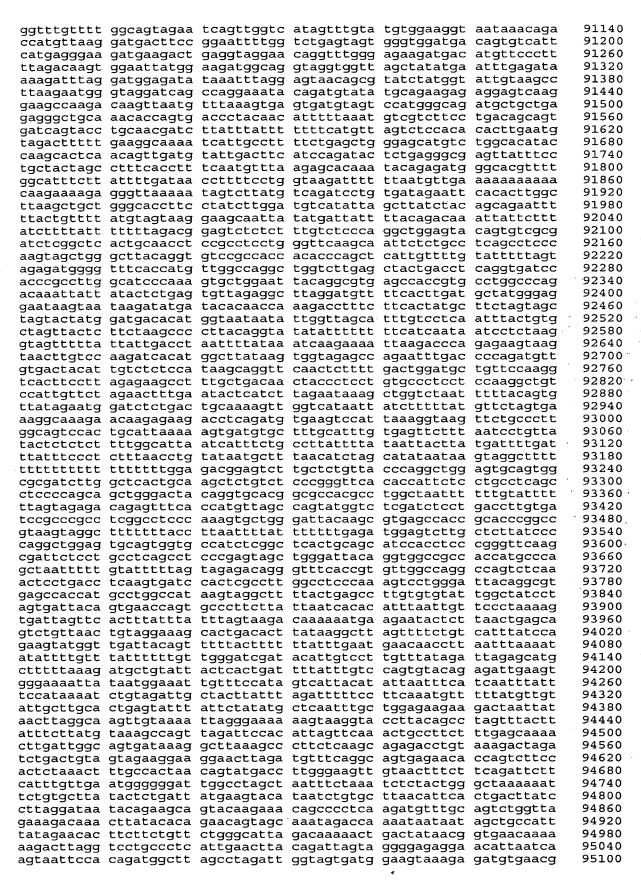
79080 ttttatttcc tgaagttttg ttattaataa tctgtgtgca gatttctttg tatttctttt gtttgcagtt catagtgatt cttgaattag tgtgttggtt tctgttatca ccacaggaaa 79140 79200 attqtcaqcc qttagctttt caaatatttc cttgctaaat tctctcttct cccctttcgg tacaattgat ttgattaaaa ctaaaaccag ggccgggtgc agtgactcat gcctgtaatc 79260 ccaacacttt gagaggctga ggcaggtgga tcacctaagc tcaggagttc aagaccagcc tggccaatat ggtgaaaccc cgtctctact aaaaatacaa aaattaccag gcatggtggc 79320 79380 acacatttgt agtcaggagg ctgaggcagg agaattgctt gaatccagga ggtggaggtt 79440 79500 qcaqtqaqct gagatcccac cactgcagtc tggcctgggc gacagagtga gatgagaatc tgtctcgaaa aaaaaagtta tgaatgtttg ataaactata tttgttagaa tgtttgttgt 79560 agaatactat tcattgattt ttaaacaatg ttagattaaa ccattcactg gatttgtgat aattaactta ctgatttac ctcactgatt tgttgtaatt aatacaactg gtataaaaag 79620 79680 actgtgacga ggccgggcat ggtggctccc gcctataatc ccagcacttt gggaggctga 79740 79800 ggcaggcgga tcacctgagg tcaggagttc aagaccagcc tgaccaacat ggtgaaaccc 79860 catetttaet aaaaatacaa aattageegg tegtggtggt geatgeetgt aateeeaget cttcgggagg ctgtggcagg agaatcactt gaacccggga ggtggaggtt gcagtgagcc gatatcgcgc cattgcactc cagcctgggc aacaagagcg aaactccgtc taaaaaaaaa 79920 79980 aaaqaaaaa aacacataaa acaaaacaac actgtgacgg ttcccaaaaa ttaggagcat 80040 80100 aattaaagga actcctgata aaaattaatt ttatcttaca tgtaaactaa aatgacttta tgaagttaat tcagaaatac aatgcagggt attagtttgc cacagctgcg tattcagcct 80160 aatgtaatat tottgttatt tttaaattot tottttaact ttactcatat gtggatcatc 80220 80280 aaatttcaaa agattaaatg acaatactct tagcagcaag cttccctaag catataaaca ttttaatggg tgatgattca gaaggtaccc gaagaatatg tactgccaga tatcattcac 80340 ccccatatac ctgcccgaca gacatcccat tttgggaccc tggataaatg tgtgggtgga 80400 gagaaagata ggagaaagtg gtataagcaa atggctttgg agtctgattg acagcgattg aaatcctgtc tctacctctt aacagcctca tgatcctaca taagttaccc cgatcctcag 80460 80520 80580 ggccacatct gtaaattggg ggttgcgatg gcagccatct cacagggtct cttttcgggg 80640 aagggcagga attatggatt aagtgagcta gtaattgtaa agcacttaat acaaggaggg 80700 cgcataataa gtacttcata aataatgacg gccattatca tgactgaggt gtatgcagct gtoggggatt acggcgactt cagaatttet ggtgggcagg getcaaagge agcaaatcac actggaagte gaggtgagge actgettetg cacagactge ttagetggag agaatgagga 80760 80820 aggettagag gagatttaga ggaacttaga gtcctccgcc tccaactctg tgggatctgc 80880 80940 tecegtgeea gagacattea ggggatttet egeactetee ceteceetae gteceteeeg ccccatccaa ctaaccacac aacacataca aaatagcccc tgcgaggttc tgcacgctgg aagggaacag gagaagggcg ctgcgctttc ttgctgatgc cctgtacttg ggcccctggt 81000 81060 agacacagec acttgteece teageetgea gagaaateee aegtagaceg egeeegggte 81120 81180 cttqqcttca qccaatctcc ctttggtggg ggtgggatgc acgatccaag gttttattgg ctacagacag cggggtgtgg tccgccaaga acacagattg gctcccgagg gcatctcgga 81240 tecetggtgg ggcgccgctc agcetecegg tgcaggeceg gccgaggeca ggaggaageg gccagacege gtccattegg cgccagetea eteeggaegt eeggageete tgccageget 81300 81360 getteegtee agtgegeetg gaegegetgt cettaactgg agaaaggett cacettgaaa 81420 tccaggcttc atccctagtt agcgtgtgac cttgagcagt tgactttatt tttcagtgcc 81480 81540 tagttttcca gataccagga ctgactccaa ggactattac tcatctggag ggtttagcac 81600 agtaccgtcg catagtaaat ttccatgtca gttttggtta cctttcatgc acttgcaaac atgccatgct ctgaaacgaa ataggcacat ctttttttt ttttttta aggagtcttc 81660 ctctcgccca ggctggagtg cagtggcgcg atcttggctc actgcaacct ccacctcccg 81720 81780 tgttcgagat tctcctgcct cagcctcctg attagctggg actacaggca tgccacgacg 81840 cccaqttaat ttttgtattt ttagtagaga cggggtttcg ccatcttggc caggctggtc taacteetga eeteaggtga tetgaetgee teageetete aaagtgttgg gattacagge 81900 81960 ataagccact gcatctggcc agaaatgaaa taagtaaatc ttttaacctg ctctaacaat 82020 atagtgaaaa gaccatatta ttattagagc aggttaaggg atttgcctat ttcgggttct agttatagtc ttaaacttgg acattcttgt agaaagtaaa aagtttcctc ttcaaagttc 82080 cccttcttgt taaagaatac atcataagtg ttagaagtaa tagtttattt taaagactaa 82140 ctttcttcaa gcctccttgc tttgtgctaa taactctttg ttaagcccta tcctatgtaa 82200 ctgttggaca tgctcacagg cacgttccag ttcacagcct atgccccttc cttatttgga 82260 aatgttattg cttccttaaa cctttcggta agcaacttcc tctccttctt cgttcttcct 82320 tgcacttacc tatttagaaa gttttaggct attagcaaat cggctatcag tttaagagtg 82380 tgaggtcccg ctccagccaa tggatgcagg acatagcagt gaggacgacc caaatgcgta agggataaat atgtttgctt ttcctttgtt caggtgtgct ctcgacatcg ttccatctgc 82440 82500 gattgagcac cctttctgca gaaagtaaag attgccttgc tggagatctt ttgtctccgt 82560 gctgactttt cttcgtggca ccgattatct atttctaaca attttggtat ttctaacatt 82620 82680 ctgaacaatc ttgggctagt tgtctcttct gggcctgttt ccccatccgt cacatgataa acttcattgg tttaaaaacc ccagcgaaca tttattgagt tactattacc ttcctgccct 82740 ccccaaccc aaccccaggg agcagttaca acctcagccg ctgagcgcac tcgccgggtg 82800 ttaagaagca ccaaagacag ggaggcttga ttgattttgc tttgggagta gagggtcaga 82860 agattcacag gaaaatggca tttgagcaag gatgattcac tggagctagc ttttaaatac 82920 82980 tggcgaggct tttatgttgc agtcccttac aaagttgagc attcgcaggg actgcactcc 83040 gaaataagcc cgcttcccct tttcattcgc taatgatcca gggagctgct ggttccgcat







87120 cctqqqccqc qqqatqqaca agcttaatcc agtagatacc ttcaacttac aatatctaaa attitatgcc agatttagtc attttaaacc tgctcatcag tttttctcaa gaagtagtat 87180 87240 tttggctttt tttcttttct tttttttgag atggagtttc gctcttatcg ttcaagctgg agtgcagtgg cggatcttgg ctcactgcaa cctccgcctc ctgggttcaa gtgattctcc 87300 87360 tgcctcagcc tcgcaagtag ctggaattac aggcatgcgc caccatgacc agctaatttt tggagacagg gtitcaccai gtiggtcagg ciggttitgt actcctgacc tcaggtgatc 87420 tgcctgcctc ggcctcccaa aggctgggat tacaggcatg agccaccgct cccggctgca 87480 87540 tttttggatt tttagttgct cagcccaaaa ctttagtaca tctttgaacc tcttctttcc 87600 tectaeteta tatetgatee ateageaaat etgttaggte taceteacae atategaaat cctaccacgt ctcaccatct gtgacaatta acaccctggt ctaggcagtc atctctgtta 87660 agattgagig gttaaggatg tcctctaagg agatgacatt caaatcttag cttaaatgtc 87720 aagagggagc tggttttata aagattgagg aggcagcatt attttgccat aggcttccat 87780 ttggtttcca ttccattctt gatacttatg gtatatattc aaaacaaatg cacagaaaca 87840 gacccaggta tattgggaat ttcggatata gagttcctag ttgggaaaag atagactgat 87900 ctgtaaatga tgctagttat ccatcatctg gcaaaaaata atttcctgcc tcctctcata 87960 tatctcagat caacagactt tttctgttaa gggccaaatc ataaatattt taggctttcc 88020 agaccatatg gtttctgtca cactctcctt tatccttgaa gccatagaca atatgtaaac 88080 aaatgggcat ggctgtgcta cgataaaact ttacttacaa aaactggtag tgggccagtt 88140 taggcatggc cagcactttg ggaggctaag gcagatggat cacttggggt caggagtttg agaccagcct ggccaacatg gtgaaaccct gtctctacta aaaatacaaa aaatagctgg 88200 88260 gcatggtggt gggtgtctat aattccagct actctggagg ctaagacaca agaatcactt 88320 88380 gaacccagga ggcagaggtt gcagtgagct gagatagcac cactgcactc cagccagggt gacggagtct taaagcaaaa caaaacaaaa ggtagtgggt tgtatttggc ccatgggctg 88440 tagtttgcca atccctgatg cagaaacaaa ttccaggtaa ataagagcct ggaatgttaa 88500 aaaaacaaaa cttgaagtca tgtagaagaa caggtagggg gaacaatcct gatctcagga 88560 taggaaggga tattgcttaa aataagacac aggaaaatat aatccatgtt gtgtaaattt 88620 gactacgtta aaacttaaaa ctttcgccaa gcgcggtggc tcacgcctgt aataccagta 88680 88740 ctttgggagg ccgaggtgag cagatcacca ggtcaggaga ttgagaccat cctggctaac 88800 acggtgaaac cccgtctcta ctaaaaatac aaaacattag ccgggcgtgg tggcgggcgc ctgtagtccc agctacttgg gaggctgagg caggagaatg gcctgaaccc gggaggcgaa 88860 gettgeagtg agetgagate gegecactge actecageet gggegacaga gtgagattee 88920 88980 gtctcaaaaa aacaaaacaa aacaaagcaa aaaacctaaa actttcatac aataaagtat acctaagata cttctagaag agaagattta catccaggac gtgtatggaa tttctgcaag taataagtaa aagacaaggg acatgaagag gcagttcaca aaagaggaag ccaaaatgac 89040 89100 caataaacat gaaaggatgt ttaacctcaa aggaaacaag gaaatgaatt aaaaacatca 89160 89220 aatgccattt caaaactagt aagttggcaa aattaaaaat accaaggatg agaatatgaa gcatggctat atgagtgcat ggaatggtac agtcactttc attaaaaatg cacataattt 89280 89340 gttttttatt tatttttttg agacagtcta tgtcgcccag gctagaatgc agtggcatga totoggotoa coacaatoto tgootootgg gitcaagoaa ttotootgoo toagootoot 89400 gagtagctgg gattacaggc acatgccaca acgcccggtt aagttttgta tttttagtag 89460 agacagggtt ttgccatgtt ggccaggctg gtctcgaact cctgacctca ggtgagctgc 89520 ttcccaaagt gctgggatta gaggcgtgag ccaatgctcc tggctgaaaa aaatgcacat 89580 aatttgttac ctagcaattc catgtctaga ggcttatcct agagaaattc ttgcttatat 89640 gcataggaag acgtgtacta gaatgttcac tagttgaatg tttaagtgaa aattaggaaa 89700 89760 taaagtaaat gttcattaac aggaaaatga gtaaaggtat atttataaaa caattaagta gctaaaatga ataaactaga gctgcgtgaa tgaactagaa ctggttcaat agtcatgtca 89820 gattattgaa tgaatacagg tcagatatgt atagagtgtc atttgtgtaa ttaattttt ttttttttt gagatggagt ctcactctgt tgcccaggct ggagtgcagt ggcgtgatct 89880 89940 cageteactg caacetecae etectgggtt aaagtgatte teetgeetea geeteecgag 90000 90060 tagttgggat tacaggcatg caccaccatg cccagctcat tttcctattt ttagtggcca cagggtttca ccatgttggc caggctggtc ttgaactcct gacctcaagt gttccaccca acttggcctc ccaaagtgct aggattacag gcgtgagcca ccgtgctcag ccatttgcgt gatttttaaa gatgtgcaga ataatgccat taaaaaaaat acacatacat gtatatatat 90120 90180 90240 90300 acacgtttgg ctgggtgtgg tggctcacac ctgtaatccc agcactttgg gaggctgagg caggaggatc acttgagccc aggtgtacaa gactagcctg ggcgagatag caagacccca 90360 tctcaacaac agaaaggata attaggtatg gtggcatgag aggatcactt gagcccagga 90420 90480 gttcgagtgt tatcaggcca ctgcactcta gcctggacaa caaagcaaga ccgtgtctca aaaaaataaa aataaaaagt atttgtatgt ggtcatagtc aaaaaacgta catggaagga 90540 aaatgtcttt atttatttat ttatttttt tttttaaga cagagtcttg ctctgtcacc 90600 caggetgggg tacagtggtg taateteage teacegeaat eteggeetee egggtteaag 90660 cgattettet geeteageet tetaagtage tgggaetaea ggtaecegee accaeaceet getaattett gtgtttteag tagagaeagg gttteaceat gttggeaagg etggtetega acteetgaee ttaagtgage caecegeett ggeeteecaa agteetggga ttacaggtgt 90720 90780 90840 90900 gagccactgc gcttggccag gaaatatcta atttagtaag tatttatatc tgggaaagga 90960 agggtcaggt ggtgattcat aggaactcta aagtctatgt ataatactta gggggacaga aggaaataaa gcaaaatgct gatatttgat tgttgagttg tgtatatgtt agaagtataa 91020 cataggagat ctgattgata gtaggagaat gtttttaggt ggtaaaagtg gaaccgtggt 91080



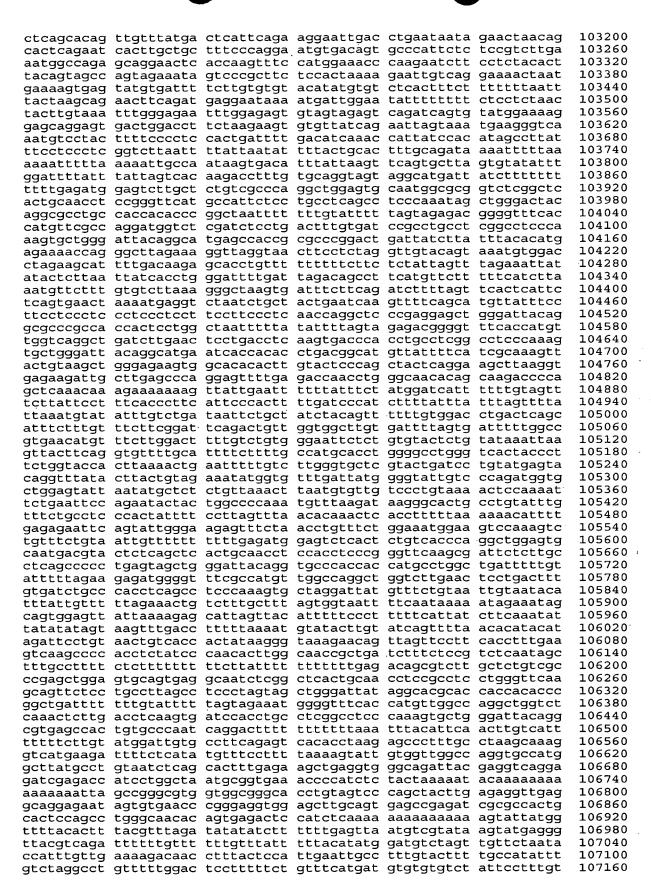


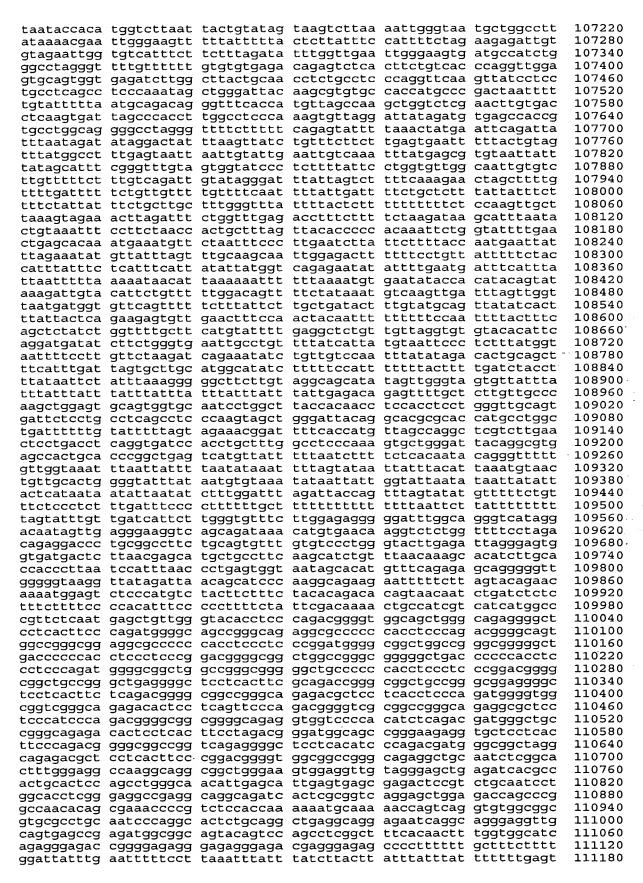


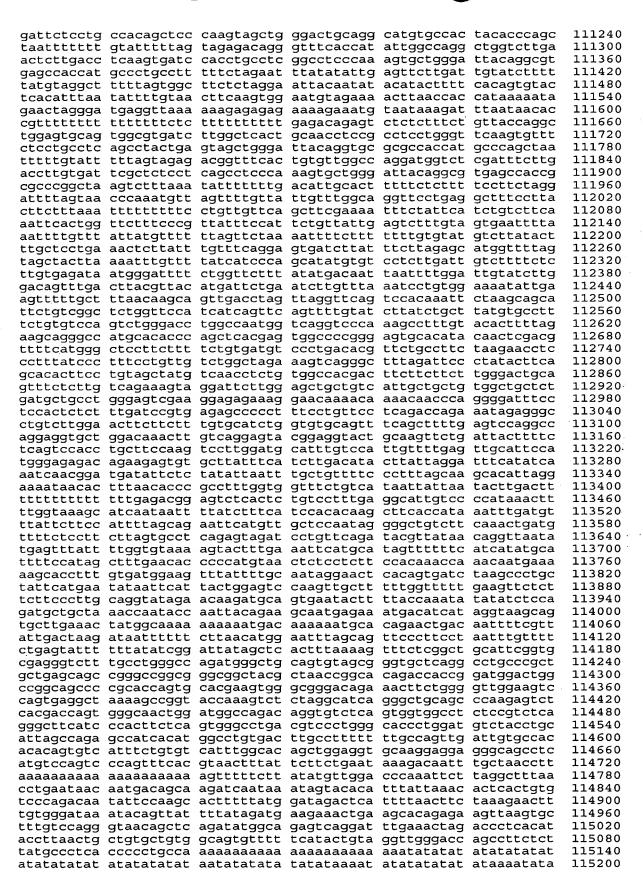
gacttgaaaa aaaattcgga ggcaaaatgg atagaagttt attattgatt aaatatgagg 95160 tgtgagagag agggatattt aagattgata cctaccttct ggcttgccta acagaaccaa 95220 aacaggaaat tatatgttca gttttgttat gttgggtggg aggtgctttt gagtcattca 95280 95340 tttatatatg ttatatatgt tattttatat gcatagtaat tttaaggtct gagttttaaa ccaaaggtta gagagtgatt ttttagagtc tagcaaacct aagttgaaat cctgcctgtt 95400 gaaatggctg tttactagct cattaaccta gggcaaagta ttcaacttgt tttcatttt 95460 gtcttcatct ctaaaatgag gaaaatatgg tcttacaaga ttgtcctgag agatagatga 95520 95580 aataatatcc aaaaaaaaaa aaggtacata gagaaactcg tatagtgcct ggtatatagt 95640 aggtcctcca ttggtagcta tcattatcta gttttaacat agccttcagt ttgttgaatt 95700 agtcaaactg agtgaagcac tgcaaggaat tcagaggaat ttgagatcaa caaatgattt ctgaagttta gggaagactt catggcaatg acacttacct tgtataaaag ttgaagaata 95760 agaaagattt gaatgagaga ttetttetet tetecetace ageceagett ettatttgag 95820 95880 gatatattgg gcaaaggggc cttcagacaa gtagagggag atttttacag aaagattgag atgaaggtat agaaggctgt aaagaccaga aaagagaatt gagacagagg aagcaggaag ccactgtagg tttttgagca agatattgat gctgtaagta tggtgtttat gaaaggttag 95940 96000 totggaagag atttgcagga tggagacccc ggaagttttt ttgttataat acagaaagac 96060 ttgcactgag ggtgaggtgt taaaaataaa caggtaagta aatgtttaaa catcttgaag 96120 96180 gaaaagtcaa caaatcttgg caagtaaaca gataacagtg aaaaagaatg ggaccaagat tttgagtttt ggagactggt ggattgaaca gacagggaaa ttgagaggag aatcagatga tgatgtttta agttgatatt tagacagatt gtgcttgaga tggtaaagtc aatgtgggtg 96240 96300 ggaatgetta gtagegagta ateagtgata caagaccaaa geeeaggtea aagacaagte 96360 96420 acagatacag atcagggett tttcatetge tecacagagg tgtaccetag gagetgttge aaacagtcca tgtggagggt gtgagtaaga tgtttccctt gaatttgcca gaattacttt tttgttgttg ttgttgttt ttctgagaca gattctcgct ctgttgccca ggctggaggg 96480 96540 cagiggegag ategegeage teactgeaac etetgeetet egggttegag igatteteet 96600 gcctcagcct cccaagtagc tgggattaca ggcttgtgcc accaagccca gctaatttct 96660 tttgtatttt tagtagagat ggggtttcac catgttggcc. agactggtct cgaactcctg 96720 96780 gcctcgtgat ctgcctgcct cagcctccaa aagttctggg attacaggcg tgaaccactg 96840 cacceggtee ettgttaagt ttattttggt gggaageaaa ggaggtttea gettttaaaa 96900 agtttgaaaa ttattgctct ggtaataatt aaagatttga gagtaaatat gctttctagc agaaagaata aaagaagaac agatagcctc aagaagggga gccaaagaag caggctatat 96960 97020 ctgacacact gggtgttgat aaatgggtat taaaagaatg agagcaatga gcagatagaa gaggaaatta ggagagtata ataccatgga gaccaagaaa gatagactat caggaaggag 97080 tggtaaaaat aagttactag ttctaagaga gatgttaaga gggaccgggg aaagccttgt 97140 acaaatqaqt taqtaqcatt ttacattata tacatctaat taaqaaacaa tgcgagagtc 97200 97260 tcaccattcc tatagactct tacttgtact tgtctgaaca cgaaaactgg cttttgttta taaataagct aaaaattatt ttgctccaat ttctcatgaa aataaaaata aaccttcttt 97320 97380 taacattgaa aaaatagttt gaagacagtc actcttcatt ttgtaattcc cacaactatt attgaatgac tgaaattatc tttattctga agccaaaggg gtgatactga tatttcttca 97440 97500 gactactaaa aatatattt atgaattttt agtgtgcttt atctttttt gtttttttt ttgagatgga gtttcactcc cgttgctcag gctggagggc agtggtgcaa tctcagctca 97560 ctgcaacctt cgcctcccag attcaagcaa ttctcctgcc tcggtctccc aagtagctgg 97620 gattacagge acctgcccc acacccaget aattttttgt atttttagta gagacagggt 97680 ttcaccatgt tggtcagget ggtcttgaac teetgaeete aggtgateea eecacettgg 97740 97800 cctcccaaag tactgcgatt gcaggcatga gccaccatgc ctggcctgag gaatattttt ctaggttccc cccaccccaa gcatttattc tgcaatttta gttttgttcc taaagcaagc 97860 aaggittaag gatttaaaaa taatccgtat titagaatgc ittctggctt tgttacttit 97920 tatccacagt agaagttotc agagaatgat ctccctcttt taatttaact ttttggcaca 97980 98040 98100 98160 98220 98280 taaqttactt ttcctcttaa qtattttttg ctqaqtatqc tqacttaaqa qtaatgttac 98340 aaaatttaat ttttaaagtt ctctgaaagc ccctttatga gagttttagg ctatcaaatt gtgtttaatt cttaacaatt ttttgaaaaa ttatagcttc aatatccgta cattccccac 98400 aaaaaagcac taaaaatcat gccttgctgg aggctgcagg accaagtcat gttgcaatca atgccatttc tgccaacatg gactcctttt caagtagcag gacagccaca cttaagaagc 98460 98520 agccaagcca catggaggcc gctcattttg gtgacctggg taagtaacta tcattittta 98580 ttaacttgta ttagaaggat ttgagtacaa tatgtgaaac ttctgtcata ggatacagaa 98640 ctatataatt ggaaagtgct ttggaaaaaa tgtatttaaa ataacagcta caagtataat 98700 gggtagctgt gttgtgttcc tgtaaatata gaatataaag catgcccagt agaaaaacaa 98760 gcatttccag aagaaatata totgatcact aaatataaat atatgaaaaa gatgtotcac 98820 tttattactg agggaagtgc aaattaaaat aatcagttaa tgttctccta acacattagc 98880 98940 atatttttta aagtttgaca atttgaatgt cagtgaagat gcagggaaat acccctccta tttagtgata atataatctg gtgaagactc tttggaaagc aatttggaaa tcagtataaa atatgcatgt catttaggcc actctttcta agacctagcc ctcagatatg ctcattcata 99000 99060 99120



tatqtatqta	tatatattaa	aggctattca	ttataqtatt	gtttgtgata	gcaaaaaatt	99180
		tgttataggg				99240
		tgtttctatt				99300
tattacccaa	actagaatac	agtggtatga	tcatggttca	ctgcagcctt	cacctcctgg	99360
descasaces	ttctctcacc	tcagcctcca	gagttactag	gactgcaggc	atgtgtcacc	99420
acaccaageea	aatttttaa	ttttttgtag	agacagggtc	tcactatgtt	acctaaacta	99480
atataaaact	cctacctca	agcaattctc	ccacacacac	ctcccaaagt	actagaatta	99540
gccccaaacc	cctggcctca	tacttacata	taggasttta	gaaatgtaaa	aaaggatta	99600
ccaacgugaa	ccaccacacc	tggttcagtg	agecattta	gaaatttaa	adagacgcgg	99660
gaaaatgtct	aaggcatgtt	taaatgtgag	aaaagcaagt	cacagtatge	atygtaaaat	99720
		cttccaaaac				99780
		tctgcactta				
		atggacttct				99840
		aaaccagagt				99900
taatacatag	cagacaaaat	gcatatagct	cagagagtaa	aattgtaagt	tttgctagat	99960
		gaatttaaaa				100020
tctttctttc	tttttttt	tctttttgag	acagggtctc	actctgttgc	gcaggctgga	100080
gtacagtggc	gtgattacaa	ctcactgcag	cctcaccctc	ctcaggttca	ggtgatcctc	100140
cctcagtctc	ctgagtagct	gggactatag	gcatgcacca	ccacgcctgg	ctaatttttg	100200
tattttttt	tttttttt	gtagagacgg	ggtttcgcca	tgtttcccag	gctggtctca	100260
aactcctgga	atcaagcgat	ccacttgcgt	aggcctccca	aagtgctggg	attacgggcg	100320
tgagctactg	tacctaacct	aggcagtttg	tttgtttgtt	tgtttgtttg	tttatttatt	100380
tatagacaga	gtctcacagg	ctggagtgca	gtggcccaat	ttttggctca	ctgcaacctc	100440
cacctcccaa	gttcaagcta	ttctcctgcc	tcagcctcct	gagtagctgg	gatgacaggt	100500
gcctgccata	atacctaact	gatttttgta	tatttagtag	atatagaatt	tcaccatatt	100560
gatcagacta	gttttgaact	cctgacctca	ggtgatcagc	ccacctcaac	ctcccaaagt	100620
actaggets	caddcatdad	ccgtcatccc	taactaataa	tttcttatga	cgtgaaacat	100680
gccgggacca	tatgacctag	cagttgcact	ctgtatttat	cccagataaa	tgaaaactta	100740
		cacaaatgtt				100800
		ctggttcatt				100860
						100920
		tttaaccacc				100980
gacaaaaacc	agreectaaa	gactacatat	agtatgatte	cgctcggata	acacccccga	101040
		tgaaaagatt				
tgagaggggt	aagtgggtgt	agttataaaa	gtgcaacatg	agggatettt	gigatgitga	101100
agttgtatct	tggcagtgga	tgcagaaatc	tcaatgtgat	aaaattacaa	agaactaaaa	101160
acaagaatga	gtatagataa	aactggggaa	atctgaacaa	gttagagtgt	tgtatcactg	101220
		tgtactatag				101280
aagtgtacaa	gggatctcta	ggtattatta	tttttttaga	gatggggttt	cactatgttc	101340
		ctgggctcta				101400
		gaccatgcct				101460
atgtgaatct	agcattatct	catagaattt	aattaaaaga	aattgtaaac	ctcacagaag	101520
atcagaattt	cctcaagttt	gtgatgttga	caaagatgaa	ctagttgaca	ctgacagtaa	101580
gactgaggat	gaagacacga	cgtgcttcaa	aaaaatgatt	tgaatatcaa	tggattaaga	101640
agaactcttt	tgacaaattg	atgaaaccct	cagtcagttt	tataagaatg	cccatcttta	101700
tgatcatgct	atgaaagcca	atttttaaaa	aaattttttg	tctttcctaa	caattagctt	101760
		gttaaatata				101820
		caaagctact				101880
gttcataaca	tctttqtaqa	tatatccaca	attttccctc	aggataagtg	cctacaagtg	101940
gaattactgg	actgaaaata	atgcagtttg	ctaagacttt	gctatctgtt	cctgaatgct	102000
cctccaaaaa	gattttacca	gtttacatcc	tcatgaccag	cqaatqaqaq	tgttgcctat	102060
tttcctatac	ccttattact	gcttaataat	ttttqaaaaa	aatctaattt	gacagacaaa	102120
		gcttttctgg				102180
		ggaactagta				102240
		gctcacgcct				102300
agtagattac	casaaatcaa	gagtttgaga	ccatcctgac	caacatggtg	aaaccgaatc	102360
		tagctcagcg				102420
		atcgcttgaa				102480
caggaggeeg	agecaagaga	ccagcctagg	caacaagagt	ggaggeegge	222222222	102540
cgagattgtg	assassasst	ttacatggtc	taacaagage	ttaaaageeee	tatgagaatt	102600
						102660
		ttaataattt				102720
		ttgtagtttt				102720
cccacccaag	grecetggta	ccagttgttg	ttacttat	ctyactaatc	astattatat	102780
		gctaattctt				
		ccaaatcaag				102900
cgacactatt	greereett	acttcattca	actcatggaa	ccccggcgaa	Lggagcattt	102960
ggtgaaattt	tggttagagg	ctgaaagttt	tcattcaaca	acttggtcgc	gaataagagc	103020
acacagtcta	aacacagtga	agcagagctc	actggctgag	cctgtctctc	catctaaaaa	103080
gcatgaaact	acagcgtctt	ttttaactga	ttctcttgat	aagagattgg	aggattctgg	103140



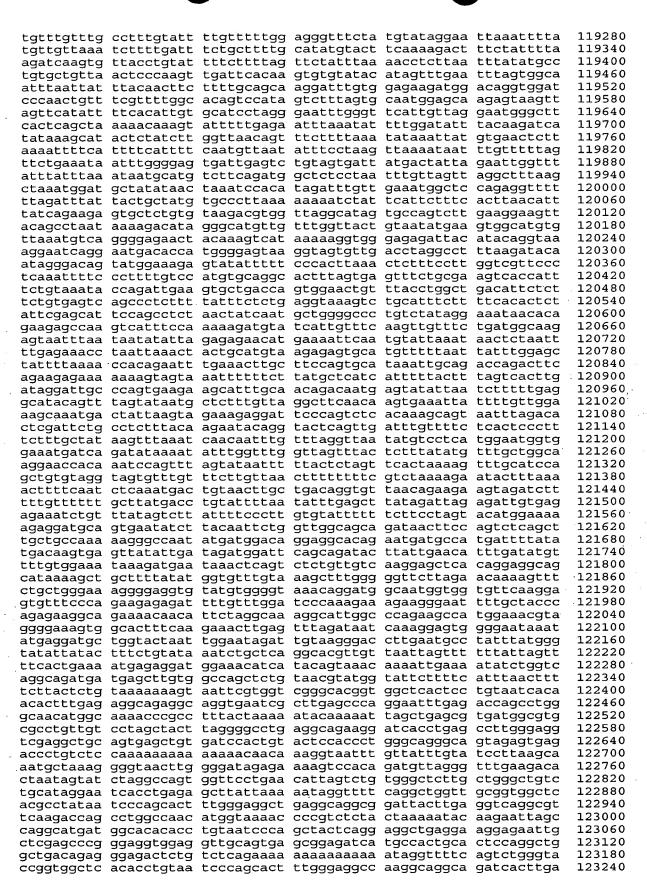








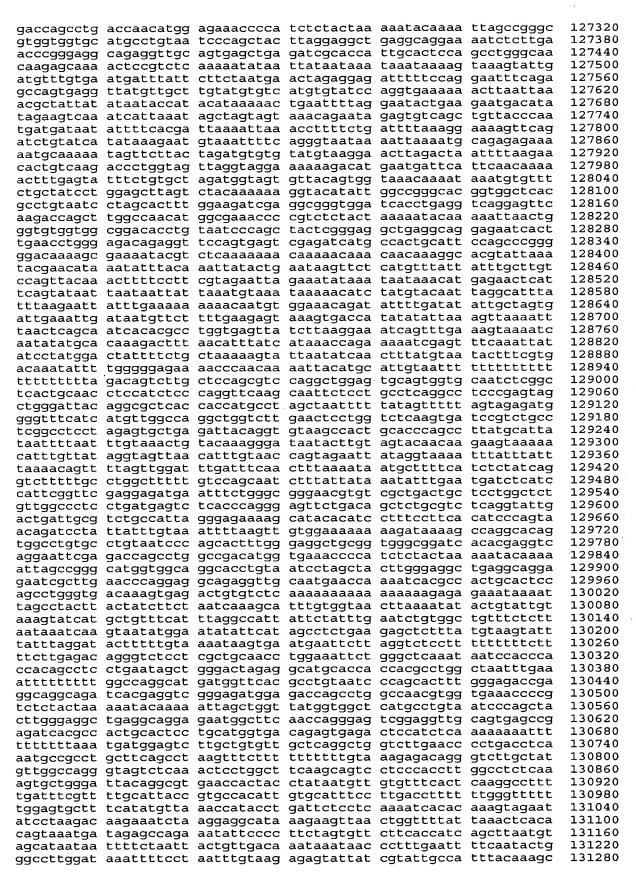
tgtattagta tatatgcata tatagtatat attatatatt agtatatata ctaatatata 115260 atatacatat tagtgtgtt atatatatat atactagaat aaaaaaatca aagtatctca 115320 115380 gagtagtaag gacaaacatt tcagaaaaat gttttcatta tatatacatg tatgtatgtg tatgctgatt caacaaatat atttcttata ggttatagca aaatagtttg aaagctttta 115440 115500 ctgtgtttta tcaggaagac cttaggtgaa cgtatattca cagataaaag aggttattta ttcattcaat aaatattaca ttctcataag tcctaatatt atgtattttt attcttcaaa 115560 aaagttagta tttgtgattt atgaaataag acatgttett geaettttag cagatetgte 115620 ccgatgttgg gcttctttaa tccttagtgt gggtgctttg cactcactca ctgctgggga 115680 cagcaagacc cetgttagtc teagetgtgt ttettaaatt ggeceaetgt acetteeagt tagetattet ggggteeatg teatgttgge tecattttee ttttettet eccaeaeaga 115740 115800 tacctataac ggctataaca taggcctggt ggctgttggt ggcttatccc tatctgcttg 115860 tatttaaggg gtactgtttc actgagtttt gctgacagat gttgtcatga gatttgaggt 115920 tttctgtgtt gttgctctat ttttatgtgg gaatttgcta ctatcatcat ccctagacca gcttttccta gtaatacaac agggatgttc tgactgatta gagtttgcct gtttgaagaa 115980 116040 ttggttggct agtgattttt ttttgagggg agtctgtacc agttaatagc ctgactggcg 116100 tgtggataaa aaggaagcag tttcaagtca aataaaacac ttaaaatgaa accacactgc 116160 aactctcttt cttttactta agcttaatca aattaatgat gatgtaatcc catgaaggaa 116220 aagtettetg aaggateaag ttgataacat tttgtgatea aagaatttga gaaaacetet 116280 atcccagtgt ctatcattat atattttagg atgttaatta cctgtgtggc tttaggcaag tcatttttcc tccttgagcc ccattcttaa tcctgtccaa attatttgtc tcctcttgca 116340 116400 gttggactat tttaatatag ctgtccttca agtgagtttt gttcaaagga gccttcactt 116460 116520 tagetettae tgtgtaecca etttgeatag tettgtttta aatgtaatee ttggattttt 116580 ggigttgcta actaattact gtttttatgt gaggatttag agtgatccag aatctatact tgcactacct ccttcatctt ccacaaatgt ttgaagtggt agaattttta aaaactttga 116640 aggtacagct gacagaattt gctgatggtt tggaagtgag tggtatgaga gggaaaaaaa 116700 ggaataaagc atgactgcat tttttgtttg tttgtttgtt tgtttttgag acggagtctc 116760 actotegeca ggetggagtg cagtggegtg atottggete acggeaacet cegeeteetg 116820 ggttcaagcg attcccctgc ctcagcctcc caagtagctg ggactacagg cgctcgccac 116880 cacgcctggc taatttttt ttttgtattt tagtagaaac ggggtttcac cgtgttggcc 116940 aggatggtct ccatctcctg acctcatgat ctactcacct tggcctccca aagtgctgag 117000 gttacaggca tatatataag catataaagt gtgttatagc atacaaacag gtatatatat 117060 aaacatgcag tccacacagc tgataggaat gaggcagtag tgaaggagaa gttgatgtag 117120 gagaggggac agttgttaca ggaaagaagt ctggaggcag aagggatgaa ttccagtgct 117180 cacatagaag attgcttaga tgggagcaag gacaatttat ctagagtcac aggaaagaat 117240 gcagtacacg ggtagagatg caggtgagtt gaaagatgtg agagatgatg gaaataattt 117300 117360 tetgattget tetatattet caaggaagea ggaageaaag teeteageaa agagaataga agaggtgtta aatatttgag aaaggagatg tactgtagaa aaaaaaaaa ctcagtttct ccttctgaac tctcacaaaa cagaaccctt ccatgactct agttgtgtgg ggttttttcc 117420 117480 ctgtcagcta ccaattctgc agatgattgt tcagtgaaca ccaactgggt gtcctctaag 117540 117600 tcagttcagt tctcacactg tttacctgga gatagcatca gatcccacag attgaggact ctgtcccaca agactgcctc cacttcagat gccagtctca agtacaagtt gtggcctgtg cttctgactg accttctata aattggagtt cccacagtcc cctccttggg ttcaataaat 117660 117720. ttgctagagc agctctcaga actcagggaa atgctttaca tatatttacc catttattat 117780 aaaggatatt acaaaggata cagattgaac aggcagatgg aagagatgca tgggcaaggt 117840 atgggagagg ggcacagagc ttccatgcac tctccaggtc atgccaccct ccaagaacct 117900 ctacagattt agctattcag aagccccct ccccattctg tccttttggg ttttttgtgg 117960 agacticatt atataggcat gattgatcat tggctattgg tgatcagctc aaccttcagc 118020 cccctcatcc cgggaggttg gtgggtaggg ctgaaagtcc caaacgtgta attctgcctt 118080 ggtctttctg gtgattagcc ctcatcctaa agctctttag aggccacagc cacaagtcat 118140 ctcattagec ttcaaaagaa tecagagatt ccatgaattt taggegetgt atgetaagaa 118200 actggctaaa ggccagttgc aatgtctcag gcctgtaatc ccagcacttt gggaggctga ggcaggagga tcgtttcagg ccatgagatc aaaaccagcc tggtcaacat agtgagaccc 118260 118320 ccttacaaaa aatttaaaaa ttggccaggc gtaatagctc ttgtctgtag tctcagctac 118380 118440 tcagaaggct gaggatcact gagccctgga gttgaaggca gcagtgagcc atgatcgtgc cactgactcc ggcttgggtg acaaagtgag accttgtctc agaagaaaaa ggaaaaaaaa 118500 aaaactqqqc aaaqactaaa taacatattt cacagtatca cagatttgta ttgtctagga 118560 118620 aagtgaatgt aaacagacca ggacactagt atgatccctt ggtttcatga aggtcccact aaagtcatga acacaaagtg agactaggca tcatgttata tggtttttcc agccatgttt -118680 aacagctagc taaatagcta attgtttcgc tgcagtttat tttagcagtt ccttatttta 118740 gcacatttca tgttttaaaa tttctaccaa taacatttta ataaactttt ttacagataa 118800 cttcacaaat ccataatttt ttaagttaca atcccagaaa tagaattgct cattgaaagg 118860 gtatgttcat ttttaaagtt atgctagaaa ctgccaaatt gccttcagaa aaaggtgttt 118920 gtatccccac taacactagt gttagttttc ttgtgccctt gctcaagtat acatattatt 118980 119040 aaaaacaatg ttgggccagt ttactagata aaaggtgtag tgcctcctta ttctaatcta tttgattact agtgagtatg tatgtctttt cacgttggtc attttatgtt tgttcctttg tggattgtca tgtcctttgc tcatttttct tttggaacat ttcttagtag tttataagag 119100 119160 ctcttggtat tttaatgata gtaacctttt aactgtcatg catgctgcaa atcttttttc 119220



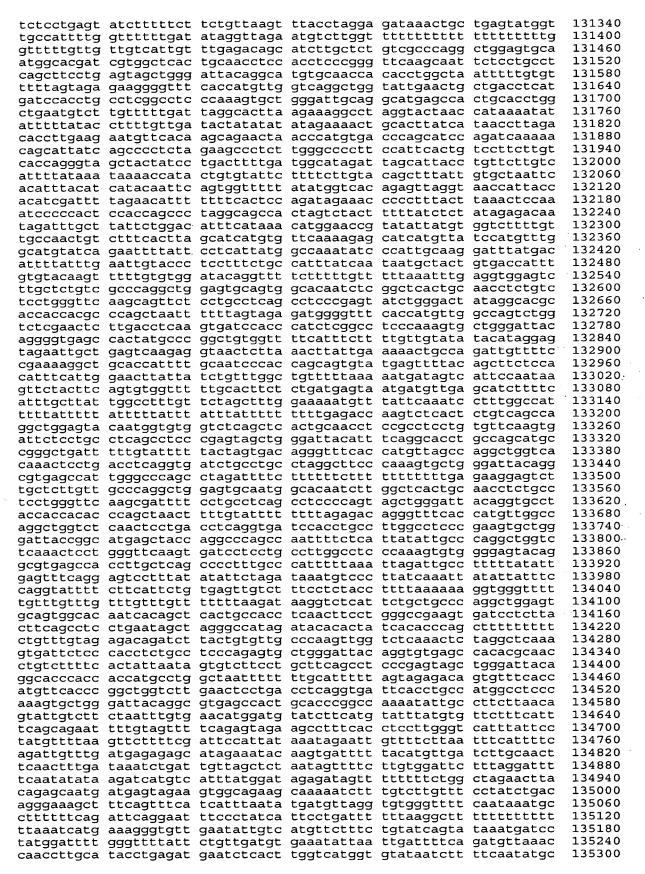


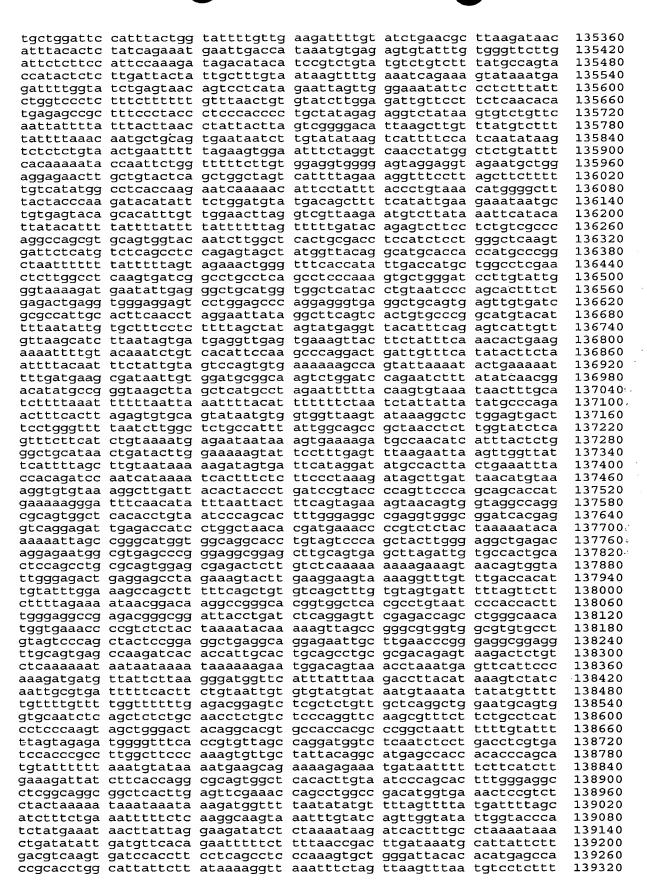


ggtcaggagt ttgagaactg cctggccaac atagtgaaac cttgtctcta ctagaaacta 123300 123360 caaaaaatta actgggcatt ttgacgggtg cctataatcc cagctactag ggaggctgag gcaggagaat tgcttgaacc cgggaggcag aggactgcat ctcaaaaaaa aaaaaaaaa 123420 aaaggtttcc agtccccctg tctcagaaat tctgattctg caggtttgag gtgtgaccag 123480 gaatetttat tittagaaga cataccagat aattetgata aatagecagt ttagggatgt 123540 agtctaattt tcctattttg caagtaagga aaataaggcc cagagaggta atgattttct 123600 123660 caaagtcaca gaacaagtta gtggcagaat ttggactgga atgcagttct taatgttctg tccagtgttt attctggtac agtatgtttg tagaaggtat tacgtaagaa acattgttat atagatgttg agataggaag agtttacatt tagaaatttg gtctaaaatg cctgaacatt caagtcgtgg aggagtattg accaacttac tcaatacaac ataggagatt cacattttgt 123720 123780 123840 tacaaaaatg ctgatttaaa aggagagttt tctttttttt cttcttttt atttttgag 123900 123960 atggagtett getetgteae ceaggetaga gtgeagtgae aegateteag eteaetgeaa cetecacete etgggtteaa geggttetee tgeeteagee teetgagtag etgggattae aggtgggge caccaegee agetaatttt tgtatttta gtagagacag ggttteacea 124020 124080 tgttggccag gccggtcttg aactcctgac ctcaagtgat ccaccacca ctgcctccca 124140 aagtgctggg attataggcg tgagccactg tgcccagcct gcttgttttt gtatcatata 124200 124260 tatgcatcat cataatcatg cattatcaac ctttgtattt ctgtcaggac atagaaacca 124320 ttagagtgct tggaagagag cettttttt tttetegeat ttaatgettt ttttggtatt catttcataa tcagcttacc aaaacattac ctgcattata ccccatcaag gtagaaatct 124380 ttgtgttatc aatattggtt actccctttc cacaccgagt catcagtaag tcctgttcta 124440 124500 124560 aagttotcag ctcgcttttt agggaaaatg accatgtott cotttoctat aaattoottt 124620 ctatctatca agtoctcaac agagaatagg tacccataaa tatgtgattg ttagtttctt 124680 tgcctcagtt gtagtctgat ccttacagct tttaaacaac agtagagttc accgtcaaga 124740 124800 actaaggatg gttggcaggc agatagaaag gtagcaagtt gacccaacta tctctgggga agtgggaaca aagaaaggtt acatcagcac tgtcatcaca tagctctata gttctaggcc 124860 tgcaggctca atcaagtagc cttgtataag attctctgga ggaggtgctg aaagttgctt 124920 atacttgcta tggaatttga ttttacttcg gatatctttt taccataggt acttctccct 124980 ccaagccaca catcctcttg gatttgatga tgttgtacga ttagaaattg aatccaatat 125040 ctgcagggaa ggtgggccac tccccaactg tttcacaact ccattacgtc aggcctggac 125100 125160 aaccatggag aaggtaaccc agaacttéaa acgtatcaaa ctacaagaag ttttattggt agaactcata aaatataagg tgggaaaacc aagcagaata gcacagtgga aattgaagca 125220 125280 gtccagcaaa gtgattaaga gcagaggcct tgagtctggc ctggtatgta cagtcacgtg ccacataaca ttttagtcaa cagtggactg cgtgtacgat ggtcctgtac gattataatg 125340 gatcaaagct ggtagtgcaa taataacaaa agttagaaaa aataaatttt aataagtaaa 125400 aaagaaaaaa gaaaaactaa aaagataaaa gaataaccaa gaacaaaaca aaaaaaatta 125460 taatggaget gaaaaatete tgttgeetea tatttaetgt actataettt taateattat 125520 tttagagtgc tccttctact tactaagaaa acagttaact gtaaaacagc ttcagacagg 125580 125640 tccttcagga ggtttccaga aggaggcatt gttatcaaag gagatgacgg ctccatgcgt gttactgccc ctgaagacct tccagtggga caagatgtgg aggtgaaaga aagtgttatt gatgatcctg accetgtgta ggcttaggct aatgtgggtg tttgtcttag tttttaacaa 125700 125760 acaaatttaa aaagaaaaaa aaaattaaaa atagaaaaaa gcttataaaa taaggatata 125820 atgaaaatat ttttgtacag ctgtatatgt ttgtgtttta agctgttatg acaacagagt 125880 caaaaagcta aaaaaagtaa aacagttaaa aagttacagt aagctaattt attattaaag 125940 126000 aaaaaaattt taaataaatt tagtgtagcc taagtgtaca gtgtaagtct acagtagtgt acaataatgt gctaggcctt cacattcact taccactcac tcgctgactc acccagagca 126060 acttccagic ttgcaagctc cattcatggt aagtgcccta tacagatgta ccatttttta 126120 tottttatac tgtattttta ctgtgccttt tctgtatttg tgtttaaata cacaaattct 126180 taccattgca atagtggcct acgatattca ttatagtaac atgtgataca ggtttgtagc 126240 ccaaaagcaa taggttgtac catatagcca aggggtgtag taggccatac catctaggtt 126300 126360 tgtataagta cactctgtga tgttagcaca atggcaagca gcctaacgga aattctgttt attgattgat tgattgattg attgattgag acagagtttc actccattgt ccaggctgga 126420 126480 gtgcagttgc acagtettgg cacactgcaa ettetgeete ecaggttcaa ecaattatee 126540 tgcctcatcc tcccaagtag ctgggattac aggcaggcac caccatacct ggctaatttt tgtattttag tagagacagg gtttcaccat tttggccagg ctgttctcga actcctgacc ttaagtgatc tgcctgcttt ggcctccgaa agtgctggga ttacaggcat gagctaccat 126600 126660 gcctgggcag taactgaaat tototaatge cattttoott atotgtaaag tgacgataat 126720 atgcacgttt acctcaaagt tactttgatg attaaagtaa ggtaatgtat ataaaataca 126780 tattaacata gtacctgaca catggtaagc atcaaaaaat gttaactact tttattacta 126840 ttattattac gtatttttaa ataattagag agcagtatca aaaattagct gggcgtagtg gcatgcacct atagttccag ctactcagga ggctgaagct ggaggattgc atgagcctgg 126900 126960 gaattaaagg ctgcagtgag ccgtgttcat gcccctgcac tccagccttg gtgacagagc 127020 aagaccctgt cttgaacaat taaagaaggc attatgccgc aacgttagct tagaaatgat 127080 ccacatatat caccagtaac tgtcaacagg attggaaccc tagttttggg tattatgatc acaaggtatt attaatagct tattaataat aaagcgttgg ctaggcacgg cgactcacat 127140 127200 ctgtaatccc agcacttigg gaggccgagg tgggtggatc acctgaggtc aggagtttga 127260



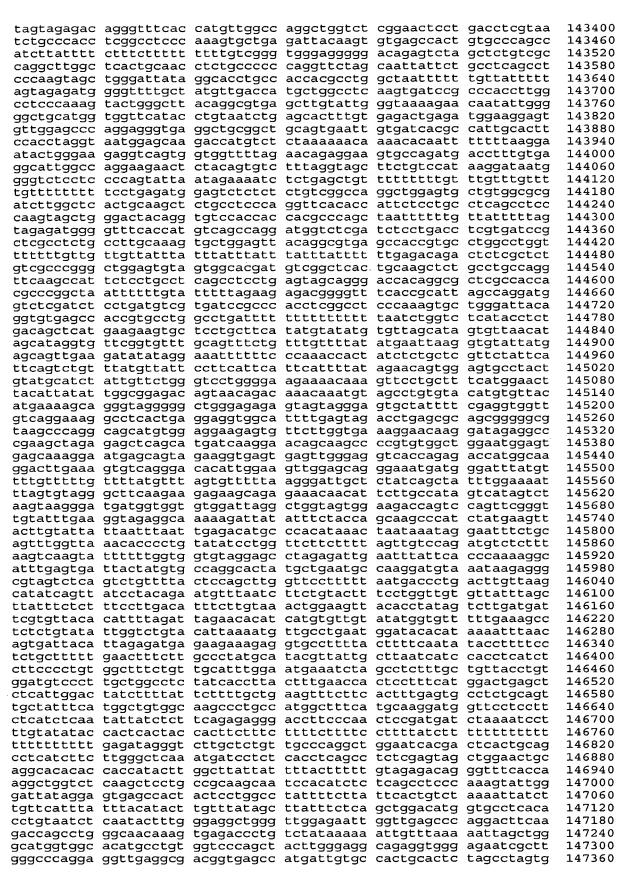


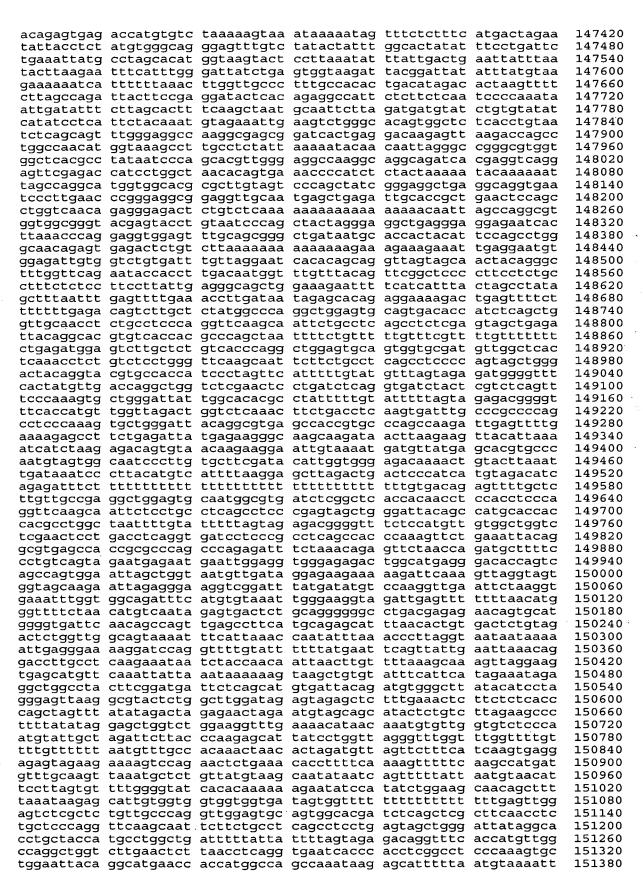


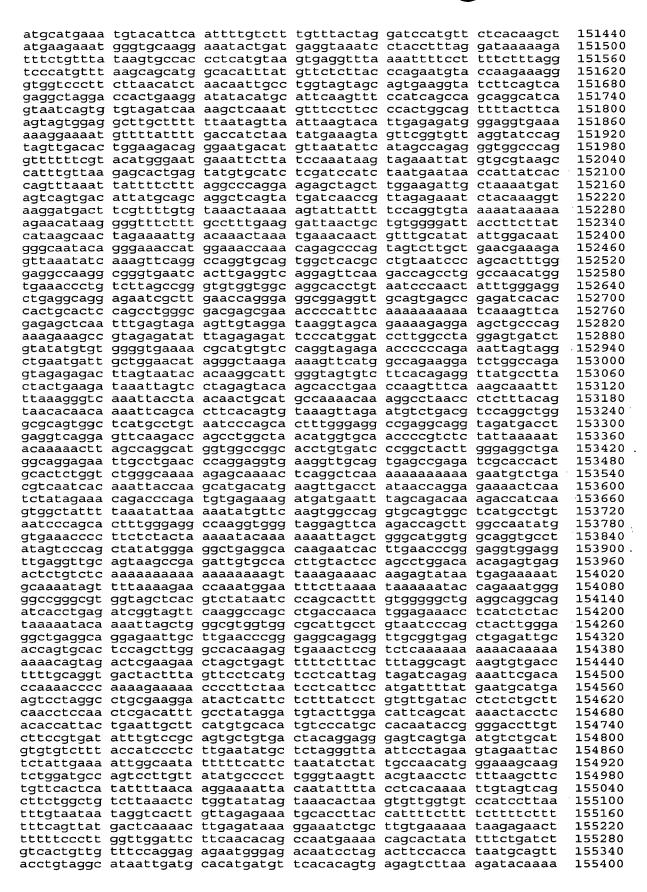




gttcatgtac cattgcttat tttcttccct tcctactcac agtaatcatt cttatggtat 139380 gcacttitgt ttgcttattt ttatgtaatt gatattacgc tccattctgt acgttgtact 139440 ttcattcaca gtgagttttg gacattccta tgttcatcta tacagactta cttcatttta 139500 actacactgt agtattccgt atgtaatatt tactataact catcactgta gcagagcatc 139560 139620 tcatagtgta tgtattactg ttttgccatt ttggtatcaa tgagtattta agtcatttgc agtittitccc tottataccc agtattacag aggatetett titatatget tettigtacc 139680 139740 tcactatgtt gcccaggctg gtctcaaact cctaggctca agcaatcctt ccatcttggc 139800 ctcccaaagt gctggggtta caggcatgag ccaccatgcc tggcctacat tttaaatttt gatagctctt acaatttact ttgtaaagta tctgcatcat tttatgttct caccagtctt 139860 139920 taataagaat acttcatact tttggctgga cacagtggct cacgcctgta atcccagcac 139980 tttgggaggc cgaggcggc agatcaagag atcgagacca ccctggccaa tatggtgaaa 140040 140100 ccctgtctct actaaaaata caaaaattag ctgggcgtgg tggcgcaccc gtagtcccag ctactcgaga ggctgagaca ggagaatcac ttgaacccgg gaggtggagg ttgcagtgaa cttagatcac accactgcac tccagcctag caacagagtg agactctgtc tcaaaaaaaa 140160 140220 aaaagaatac ttcagactta attttttttc cagtcttaag tgtttgctaa tgagattgag 140280 tttcttttgg tatgtctctt gattgttcag gttttttctt ttatgaattg actgttcatc 140340 totttttcac attatttctg ttgggtgatt ttattagtga cttgttaaaa ttctgtatat 140400 tttttcagca tgacacttca ttattcaaaa aaaaaaaaag attctctatg tttctcgata 140460 ctaatcattg gttggtaata ccttaaaaat aagaccctta ctgtattttt tgctttttt 140520 tttttttttt tttttttt tttgagatag agtcttgctc tgttgcccag gctggagtgc 140580 140640 aatggtatga teteggetet cageteactg caactgeaac etetacetee etgttteaag caatteteet geettageet eecaagtage tgggattaca ggeatecace accacacea 140700 gctaattttt gtattttag tagagacagg gtttcaccat gttggccagg ctggtctcaa actactggcc tcaagtgatc cgcctgcctc ggcatcccaa agtactggga ttacaggcat 140760 140820 gagccacagt gcctagccac tttttgcttt ttaactttgt tttatagtac tatagtttta 140880 gtataaacag atgtatgtat acacacaact atggctttat aatatgtttc agtcattgtt 140940 agagcaaggc ctaccttttg ggtgcttctt ttacaaaatt gtcttggcta ttcttgtgcc ttttttctta tttgtgaatt ttagaattgt gaattacctg ttgactcacc atgttttgta 141000 141060 aactgaggat tttgaatgga attgcactca attaaagatt atcttgcttt ctgtgcagca 141120 atgttttatt tcaaataatc cctactttaa attacttagg atagctataa attgtgtttc 141180 tggctttcta gatttagatg aaacgcttta aattgattgt tttctcctaa atttaaaact gattgttaga agttaaagtc ttctgttcat tcttatttag gaagatgaca tttggaagag 141240 141300 tcagtgactt ggggcaattc atccgagaat ctgagcctga acctgatgta aggaaatcaa 141360 aaggtttgtg gtgtttttat acttcatatt aagcctttac tcacattagt gattgactgt 141420 141480 aagtcaaaga ccacttaagg tttaaactgt ttattttgta aagtaaccac tgtatctttc accttgtgtt tatagtcaga agtaagtaca agggcttcct gtagtcacat ctttatgcaa 141540 teteetetga ateaaaagtt agtgaacttg etttgeeact eeagaaggea catgaatatg 141600 aaaaagcatt gtctattttc ttatttaatg gcaaaatacc cgacctaagt tggacttaat 141660 gtttgagacc gtttatttta ttaaattata ttttttctct tttcttttt ttttttgaga 141720 cagticities tetiteaces agaseggagt gragtigetet gasegsaset castigsaace 141780 tetgetteet aggiteaage gattiteetg ceteateete etgagtaget gggaetaeaa 141840 gtgcgcacca ccacacctgg ctaatttttg tatttttagc agagatgagg tttcaccacg 141900 ttggctaggc tggtctcata ctcctgacct caagcaatcc atccgccttg gcttcccaaa 141960 gtgctgggat tacaagtgtg agccaccatg cctggcctta ttaaattatt tttattaaat 142020 142080 ttoctoaaga ttgatgaaag taatgaaata taaaagtaat gaaatatatg tggaaaatag actggattaa gaaaatgtgg cacatataca ccatggatac tatgcagcca taaaaaagga 142140 tgagttcatg tcctttgtag ggacatggat gaagctggaa accatcattc tgagcaaact 142200 gtotcaagga tagaaaacca aacaccgcat gototcacto ataggtggga attgaacaat 142260 142320 gagaacactt ggacacaggg tggggaacat cacacgctgg ggcctgtcgt ggggtggggg gctgggggag gaatagcatt aggagatata cctaatataa atgacgagtt aatgggtgca 142380 gcacaccaac atggtacatg tatacatatg taacaaagct gcacgttgtg cacatgtacc 142440 ctagaactta aagtataata aatttaaaaa aaataaatat atgtggaaaa tattaatagg 142500 tcaaaattca aattgttcat ttaatcagaa gagtagttta gtcaaatcca agggttagac 142560 aacagaaatc ttttttgtca agtgcattct ttgtgactga tttcattttc ttcctggttt 142620 acacaggaag atttcagaaa caaatgtgga tccgtgacag atggtatcta gaagttttta gtttggttga attgacagta ttttattgag taaaagatac taatttttgt aagaagaaaa 142680 142740 attcaattit gataagtatg tttaagatta agagctattg gccaggcgct gtggctcatg 142800 cctgtaatcc tagcactttg ggaagctgga gcaggtgggt cacgaggtca agagattgag 142860 accatectgg ccaacatggt gaaaccetgt etetaetaaa ttagecagge gtggtggeae 142920 atgcctgtgc accegectee gggtttaage gatectaetg ceteaggete etgagtaget gggattaeag gegeeatgge taatttttge atttttagta gagaeagggt tteactaeat 142980 143040 tggccaggct ggtctggtct caaactcctg acctcaggtg atctgcccgc cttagcctcc 143100 caaagtgctg ggattacagg catgattcac catgtctggc catttatctt attttctttt 143160 143220 ttttttttt ttttgtttga gacggagtct tgctgtgtcg cccagagctg gagtgcaatg gtgcgatete ageteactge aacetelgee teetgggtte aageaaltel celgeeteag 143280 tettecaagt agetgggatt acaggegegt gecaccaeat etagetaatt tttgtatttt 143340











155460 tggtattgtt tacattacta gaaaattatt agttttccaa tggcaataac ccatttatga gagtgtttta gcctactgga atagacaggg accacatect ctggggaagca gataagcata 155520 gaactgatac ttgatgcaca ctcgtagtgg taactcatcc ctaatcagca ttgtaaagca 155580 ggtgccagag gtggtttgct ttgtccttcc aaagcaggtg agtcagcccc accgagagcc 155640 aggcagettt gagtggeage gtggtgetag cagetteage ggaacagggt gagagttaat tatgeagtet tettgacage ggeattaatt tggaaggaaa etgacaagte atgggteaag 155700 155760 tttcagtgac ttcctccttc ctctgatggc agtatatagt tttcacattt taattcctcc 155820 155880 tcctgagatg cactatactt aaaaccattc tctcccctgc taacagaagg gtgtgaatct ggtttacttt gagcattagg atttgcccct ttggaattet gcactccagt tacttaactt 155940 tocottoaga atacatgtgg aaagaaagaa agaaatagog atgactocac ttttgcccot 156000 gtggcacctt gaacaaagca gttcttccca aattatactt ttttttttt taaataaggt 156060 gagcaggatg actggggaga gagaaacatt tgactttgac tgcctccccc attctttgct 156120 156180 gtgagctgga aagtgtgcag ttggtcgtct ttcttctcct ttctttagga tagtaagaga ctcactcact gcacttctgc tcagttggct tctgcatcgg gatcacacag ccatcagcag gactgcccag ttggtgagca cactccattg accacgcggc gccagcgctt cctcaatgca 156240 156300 catgattgag aggaaagaaa gttctcttag atgttactgc ttttgctcag actttgcaaa 156360 aaaaaaaata tatatatata tgtataaata tataattatt aatcactttt gtccttgaga 156420 156480 aagtettgaa tgaacagaga atttatteca ttgcaatatt tgattgtata gaggcacact gtitcatcga cagaagaagc aaaaaggctt tgtgtaagtt tttggtacta tgtaccacct 156540 ctgttattct tttaaagctg aagtattcat gtacttaaac catattatat ttaattgtgt 156600 ttqattttaa aatatatata tatgaattct atttaaaatt gtgtcaactt tctgctttca 156660 156720 gggcatttat ggctcttctg ttgaaatata ttgatctttc caaatatttt catttgcttt ctaaaaaccc agaacatgag ccactactgg actttgcctt gtgtttgaag tgtatggcat aaacccaagg tttttattag tcatctatgc tgtgattaat tcattttgtt cttttaacaa 156780 156840 aatatttcca tccacttcac attgcttcaa tctttaacag aaaagcaata taaaggttat 156900 agaataaaat gtggttttgg gcaactettg etgeetetge atgttttgga ataacaattt 156960 ctacaagact ctaggctgtt taaactagtg ctttcagtta agataaattc taatcatttc 157020 tttgtatata cattttgtgc ttctgagcta gagatgccaa gtagttgtaa actgcttata aagagaatag cagcaaattt gagactcggc tactttttc tgccccacct gctttgagac 157080 157140 acagaagcgg agtgtggccc gaaattatta gccagattta atatttgatc taaagtaggt 157200 ccttgtactc attttaaagt tggaatttga ttcctccaac attgagcacc caccatgttc 157260 157320 caggetetgt geattgtgee cacaaaataa gatteeetgg tggagttttt atgggtteaa ataatcagtt gaacaccctt catctttatc atgttgttga cattgacaca aattgtttaa 157380 aaagaaaaga tattagagag aaagtggtac ctitgtaact tgatgtgtct tcatcattcg 157440 gtaagatttg atgaaagtaa aaagcaaatg tcagccaaat ccagtgaaca gcaataaaac 157500 agggagtaac ttittataac tttttctact tggatttcaa cattcagtag agcttttcga 157560 aatgtaagta gtttacagta ctggaggttt gactagttca gtaggaattt ggaggggaag 157620 gtcattctga attgtaacaa agtacaaact tctttgctgt tttatttaag tactgagagc 157680 taageacetg atgaagtgae tgacetetet ceagtgacag tgtttgggta eetgeetgae 157740 ttcaggagtg gggtttatgt ttctacacag tgaccttttc tctcgccctc tcctccctct 157800 tgcccacaca ccagttgatt ggacctgggt tgaactcctg atccagacag gcccaagaca 157860 gttcttaatg ttaagaattt tggggccggg cacggtggct catgcctgta attgcaacac 157920 tttgggaggc cgagacaggc ggatcacttg aggtcagggg ttcgaggcca gcctggccaa 157980 catggtgaaa ccctgtcttt actaaaaata caaaaattag ctgggcatgg tggcgcacgc 158040 ctgtaatccc agctacgtgg gtggctgaga caggggaatc gcttgaacct ggaggcggag 158100 gtigtgcaat gagccgagac cgigtcacig caticcagcc tgggtgacag agggagactc 158160 tgtctccaaa aataaaaata agaaaaagaa ttttgggcta ggtgcagtgg ctcacgcctg 158220 taattacage attttggaag geecaagatg ggeagateae tigaggacag gagttegaga 158280 ccagcctgga caacatggtg aaactccatc tctactaaaa agacaaaagt tagccagatg 158340 tggtgatggg cacctataat cctagctcct cgggaggctg gggcaggaga atcacttgaa 158400 cccaggaagc agagattgca gtgagccaag atcacatctc tgcactccag cctgggcaac 158460 agagcaagac tetgteteaa aaaaaaaga atttggeeag gegeagtggt teaegeetgt 158520 aatcccagca ctttgggagg ccaaggcagg cagatcacga ggtcaggaga tcgagattgt 158580 cctggctaac atggtgaaac cctgtctcta ctaaaaatac aaaacattag ccgggtgtgg 158640 tggtgggcac ctgtagtccc agctactagg gaggctgagg cagaggaagg atgtgaaccc 158700 aggaggcgga gcttgcagta agccaagatc gtgccactgc actacagtct gggcgacaga gtgagactcc gtctcaaaaa aaaaaagaat tttggccggg tgcggtggca catgcctgta 158760 158820 gtcccagcac tttgggagac caaagtgggc ggattacctg aggtcaggag ttcaagacca 158880 gtccggccaa tatggcgaaa ccctgtctct tactaaaaaa aatacaaaaa ttagccaggt 158940 gtggtggcgg gcacctgggg aggctgaggc agggagaaat gcttgaaccg gggaggcaga 159000 159060 159120 ggatgtggca cttacaaaat caggagccag cactgcatgg acaaacagaa gcatgtgggc 159180 159240 ctgagatage aggtacettg ataaccetga agacateett ggtttetgea tetatteetg cateettgea ttggactaca ttaatetgte agttateett ataatgattt ttgattttt 159300 ttttttgaga tggagtttcg ctcttgttgc ccaggctgga gtgcaatggc acgatctcgg 159360 ctcaccacaa cctccacctc ccaggttcaa gtgattctgc tgcctcagcc tcctgagtaa 159420

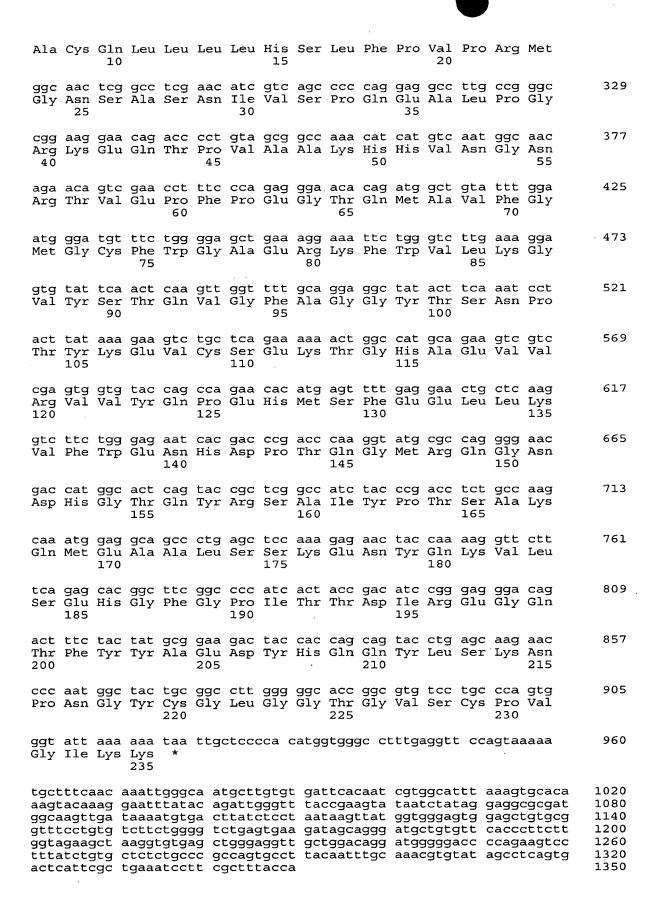




```
159480
ctgggattac aggcatgcgc caccacact ggctaatttt gtatttttag tagagacggg
                                                                           159540
gtitetecat giiggicagg ciggicicga acteceaace teaggigate accetitete
                                                                           159600
ggcctcccaa agtgctggga ttacaggcgt aagccatggt acccggtctg ttttttgatt
ttttgaaacc agtctgaagt gagtttttt aattacgtga aaggagtttg gctaaaatac tgccatactg ccctaatgcc taatgattat gtattctcag catgtctgca aagtactgct
                                                                           159660
                                                                           159720
gatttctgga gaataatttt tetttagtaa aetteaetta agtegteatg tgtattetet
                                                                           159780
                                                                           159840
caaaatggta tcctaaccta atggagctaa aagacacccc ttgtttttat aacaagcagt
                                                                           159900
tactgaggcc caggaagggg agaagtccct ggcttgtgag atgatcacca ttagaactca
qqcctqqqcc agtqcctttt catgcttctc agatccttcc aaagaataat gaagattata
                                                                           159960
accgctttta gcaattgtaa taaacccaga aatagaaagc tttttggtta gagtactggt
                                                                           160020
agaagtttgg cgggagagat aatttttaca aaatttgtaa atacctgcca attctatata
                                                                           160080
                                                                           160140
ctaggcaagg tctctggcct tgtaaaaccc ctcaaggtta caactttggt ggcccacact
aatagttacc cactgaggcc ctctccgggt gaacattgag cactagagga agcccctctg
                                                                           160200
cttgggcagg actgggcgtg gtgcagagta ggagcggtga tactgtggat tctgggcagg
tggagatggc cagtgatgtc caataaagga cactggaggg agcagtgtga gtaaaggccc
                                                                           160260
                                                                           160320
tgagggcatt catgttcagg gagggttgct gcccactggc ttgcttggca cacaggagag
                                                                           160380
                                                                           160440
tgggtattec tgccttagta actttatgta aacaagtatt teeteagtet gtteetetea
                                                                           160500
aactgcctgc tctggcacat tcagaatgtc acagaactca cctggatgca ttcagcccct
160560
gtcagactgg cccagtctgt gggcaaggag cctagagagg gcttagtttc agcttgaaag
                                                                           160620
gagctgggat ttaccaagaa gcaaatgaga gacgaggatt gcaacaactg tgccatttcc
                                                                           160680
                                                                           160740
ccagetteag etgaeteetg tatattgaet gtgeetteag aeteateegt aagtgaeeee
                                                                           160800
aggetggeet eteceacate acagtaagaa ttecacacae catacaactt ggaaagagge
tccagctgaa ggaagcccca cacttctttc aagtttttct tagtcttctc ttcttggcaa
                                                                           160860
agagtacett tigtttette taattatgta actattggtt tagtaaatat teacceatte
                                                                           160920
                                                                           160980
agtcaccctg taagtggcag gcactgttta cagggacaca ggaaggaata aaaacttgca
ggcaccttgg agcttgcatt ctattgaaga ggtaatggaa gttgggatag cagctaaact
                                                                           161040
atgctggtat tggccaggcg cagtggctca cacctgtaat cccagcactt tggaggccaa ggtgggcaga tcatgaagtc aggagatcga gaccatcctg gctaacatgg tgaaaccccg
                                                                           161100
                                                                           161160
tototactaa aagtaaaaaa aaaaattago caggtgtggt ggcgggcgcc tgtagtccca
                                                                           161220
gctacttggg aggctgaggc aggagaatgg tgtgaaccca ggaggcgaag attgcagtga
                                                                           161280
gccgagatgg caccactgca ctccagcctg ggtgacagag cgagactctg tctcagaaaa
                                                                           161340
aaaaaatatg ctggtagttt tgattcaaga tggcctttgg agcccatgat ttaggtctcg
                                                                           161400
tacccaccaa ggtctactgg aaaacatcag gctctcctgc tatagaccca tagggagagc
                                                                           161460
tqcaqccqag agggggagct gaagagaagt gccccttctg tgtcctgtca gcctcatcct
                                                                           161520
                                                                           161580
teegeaagga ceagttgetg tgeeacteea tteacttget geaagactgg aggtttttee
teaggtgttg ageacetggt ttacaagatg teagcatett gatgeetgag accateaagg caagtetetg aacagggett acettagagt aaggettaga agaggeegta aagteagtet
                                                                           161640
                                                                           161700
cageteegtg getetgeaga getttgggae atgtgaatte ttaaaaacaa gaetattgta
                                                                           161760
cagttactat atgcatgcag tataaaatta taaccttgga aaatcctagc tagctgttga
                                                                           161820
gctaattcca taaagtaatc agctcctgag ttctgcagtg gtaataataa tcagcataat gagtaaacac tgtgtgtgcc aggcagcgtc tcatttgatc cttgtgataa tcttgtaagt
                                                                           161880
                                                                           161940
actgatttte teeettett aaacaaagtt ttttttttt ttttagagag ggteteacta
                                                                           162000
                                                                           162025
tgttgcccag gctagtcttg aattc
<210> 37
<211> 1350
<212> DNA
<213> Homo Sapien
<220>
<221> CDS
<222> (213)...(920)
<300>
<308> GenBank AJ242973
<309> 1999-10-26
<400> 37
geggeegegt egaegtgaea geeggtaege eegggtttgg geaacetega ttaegggegg
                                                                              60
cetecaggee egecageage gecegegee gecegeege geceetgeeg ecceeggtt eeggeegeg acceeactet etgeegttee ggetgegget eegetgeegg tagegeegte
                                                                             120
                                                                             180
ccccgggacc accettcggc tggcgccctc cc atg ctc tcg gcc acc cgg agg
                                                                             233
                                        Met Leu Ser Ala Thr Arg Arg
```

281

get tge cag etc etc etc eac age etc ttt ecc gte eeg agg atg



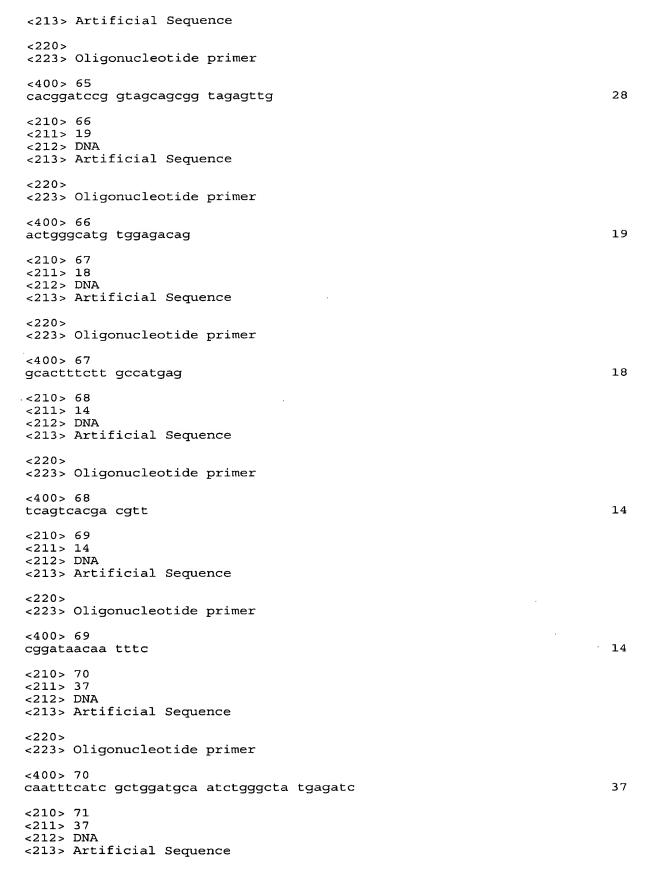
```
<210> 38
<211> 235
<212> PRT
<213> Homo Sapien
<400> 38
Met Leu Ser Ala Thr Arg Arg Ala Cys Gln Leu Leu Leu His Ser
 1
                                      10
Leu Phe Pro Val Pro Arg Met Gly Asn Ser Ala Ser Asn Ile Val Ser
             20
                                  25
                                                       30
Pro Gln Glu Ala Leu Pro Gly Arg Lys Glu Gln Thr Pro Val Ala Ala
                              40
Lys His His Val Asn Gly Asn Arg Thr Val Glu Pro Phe Pro Glu Gly
                         55
Thr Gln Met Ala Val Phe Gly Met Gly Cys Phe Trp Gly Ala Glu Arg
                                          75
                     70
Lys Phe Trp Val Leu Lys Gly Val Tyr Ser Thr Gln Val Gly Phe Ala
                                      90
                 85
Gly Gly Tyr Thr Ser Asn Pro Thr Tyr Lys Glu Val Cys Ser Glu Lys
                                                       110
                                  105
             100
Thr Gly His Ala Glu Val Val Arg Val Val Tyr Gln Pro Glu His Met
        115
                             120
                                                   125
Ser Phe Glu Glu Leu Leu Lys Val Phe Trp Glu Asn His Asp Pro Thr
                         135
Gln Gly Met Arg Gln Gly Asn Asp His Gly Thr Gln Tyr Arg Ser Ala
                     150
                                          155
Ile Tyr Pro Thr Ser Ala Lys Gln Met Glu Ala Ala Leu Ser Ser Lys
                 165
                                      170
Glu Asn Tyr Gln Lys Val Leu Ser Glu His Gly Phe Gly Pro Ile Thr
                                  185
            180
Thr Asp Ile Arg Glu Gly Gln Thr Phe Tyr Tyr Ala Glu Asp Tyr His
        195
                             200
                                                   205
Gln Gln Tyr Leu Ser Lys Asn Pro Asn Gly Tyr Cys Gly Leu Gly Gly
                                               220
                         215
Thr Gly Val Ser Cys Pro Val Gly Ile Lys Lys
225
<210> 39
<211> 481
<212> DNA
<213> Homo Sapien
<300>
<308> GenBank AW195104
<309> 1999-11-29
<400> 39
ggcattattg gactgtaggt ttttattaaa acaaacattt ctcatagctc taagcaaagc
attaqaattc atcaagcgga ctcacatctt ttctctgcac agagaggggc tgaaaaggga
                                                                           120
                                                                           180
gagaaagtcc cttatgtatg tctagatttg gtaaagcgaa ggatttcagc gaatgagtca
ctgaggctat acacgtttgc aaattgtaag gcactggcgg gcagagagca cagataaagg acttctgggg tcccccatcc tgtccagcaa cctcccagct cacaccttag cttctaccaa
                                                                           240
                                                                           300
gaagggtgaa cacagcatcc ctgctatctt cactcagacc ccagaaaacc cagggaaacc
                                                                           360
cgacagetee acteceacea taacttatta ggagataagt cacattttat caacttgeca
                                                                           420
tegegeetee tatagattat actteggtaa acceaatetg tataaattee tttgtaettt
                                                                           480
                                                                           481
q
<210> 40
<211> 390
<212> DNA
<213> Homo Sapien
<300>
<308> GenBank AW874187
<309> 2000-05-22
<400> 40
```

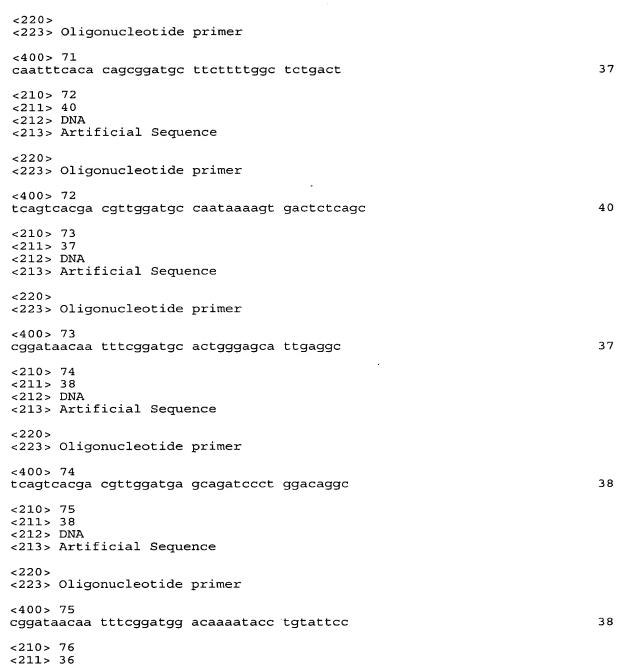
tttttttat tggactgtag gtttttatta aa gcattagaat tcatcaagcg gactcacatc tt agagaaagcc ccttatgtat gtctagattt gg actgaggcta tacacgtttg caaattgtaa gg gacttttggg ggtccccat tcctgtccag ca caagaagggg tgaacacagc atccctgcta tcaccgcacag ctccactccc accataactt	tttctctgc acagagaggg ctgaaaaggg 120 gtaaagcga aggatttcag cgaatgagtc 180 gcactggcg ggcagagagc acagataaag 240 aacctccca gctcacacct tagcttctac 300
<210> 41 <211> 43 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 41 agcggataac aatttcacac agggagctag ct	tggaagat tgc 43
<210> 42 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 42 gtccaatata tgcaaacagt tg	22
<pre> <210> 43 <211> 23 <212> DNA <213> Artificial Sequence</pre>	
<220> <223> Oligonucleotide Primer	
<400> 43 agcggataac aatttcacac agg	23
<210> 44 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 44 actgagcctg ctgcataa	18
<210> 45 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 45 tctcaatcat gtgcattgag g	21
<210> 46 <211> 43 <212> DNA <213> Artificial Sequence	

<220> <223> Oligonucleotide Primer	
<400> 46 agcggataac aatttcacac agggatcaca cagccatcag cag	43
<210> 47 <211> 23 <212> DNA <213> oligonucleotide primer	
<400> 47 agcggataac aatttcacac agg	23
<210> 48 <211> 18 <212> DNA <213> Oligonucleotide primer	
<400> 48 ctggcgccac gtggtcaa	18
<210> 49 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 49 tttctctgca cagagaggc	20
<210> 50 <211> 44 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 50 agcggataac aatttcacac agggctgaaa teettegett tacc	44
<210> 51 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 51 agcggataac aatttcacac agg	23
<210> 52 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 52 ctgaaaaggg agagaaag	18
<210> 53	

<211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 53 tcccaaagtg ctggaattac	20
<210> 54 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 54 gtccaatata tgcaaacagt tg	22
<210> 55 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Primer	
<400> 55 cccacagcag ttaatccttc	20
<210> 56 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 56 gcgctcctgt cggtgcca	18
<210> 57 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 57 gcctgactgg tggggccc	18
<210> 58 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 58 catgcatgca cggtc	15
<210> 59 <211> 30	

<212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 59 cagagagtac ccctcgaccg tgcatgcatg	30
<210> 60 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 60 catgcatgca cggtt	15
<210> 61 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 61 gtacgtacgt gccaactccc catgagagac	30
<210> 62 <211> 14 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 62 catgcatgca cggt	14
<210> 63 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 63 gcctgactgg tggggccc	18
<210> 64 <211> 26 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 64 gtgctgcagg tgtaaacttg taccag	26
<210> 65 <211> 28 <212> DNA	

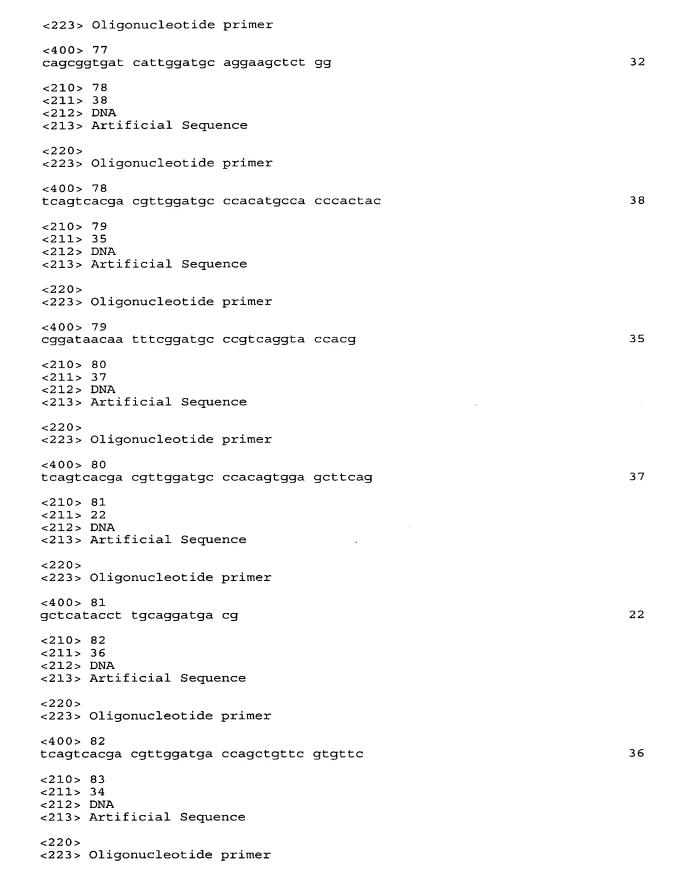




- <212> DNA
- <213> Artificial Sequence
- <223> Oligonucleotide primer
- <400> 76
- tcagtcacga cgttggatgc agagcagctc cgagtc
- <210> 77 <211> 32
- <212> DNA
- <213> Artificial Sequence
- <220>

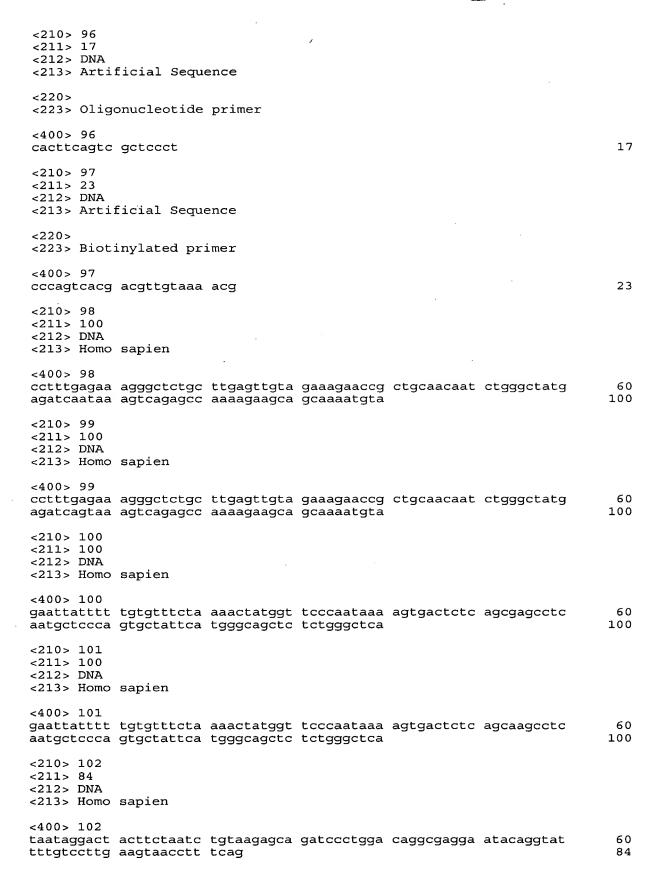
36





<400> tacat	83 ggagt teggggatge acaeggegae	tctc	34
<210><211><212><212><213>	40		
<220> <223>	Oligonucleotide primer		
<400> tcagt	84 cacga cgttggatgg ggaagagcag	agatatacgt	40
<210><211><212><213>	29		
<220> <223>	Oligonucleotide primer		
<400> gaggg	85 getga tecaggatgg gtgetecae		29
<210><211><212><213>	30		
<220> <223>	Oligonucleotide primer		
<400> tgaag	86 cactt gaaggatgag ggtgtctgcg		30
<210><211><211><212><213>	38		
<220> <223>	Oligonucleotide primer		
<400> cggata	87 aacaa tttcggatgc tgcgtgatga	tgaaatcg	38
<210><211><211><212><213>	26	•	
<220> <223>	Oligonucleotide primer		
<400> gatgaa	88 agete ecaggatgee agagge		26
<210><211><212><212><213>	27		
<220> <223>	Oligonucleotide primer		
	Oligonacicociae primer		

geegeeggtg taggatgetg etggtge	27
<210> 90 <211> 31 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide Template	
<400> 90 cgcagggttt cctcgtcgca ctgggcatgt g	31
<210> 91 <211> 43 <212> DNA <213> Artificial Sequence	
<220> <223> Biotinylatd primer	
<400> 91 tgcttatccc tgtagctacc ctgtcttggc cttgcagatc caa	43
<210> 92 <211> 42 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 92 ageggataac aattteacae aggeeateae acegeggtae tg	42
<210> 93 <211> 44 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 93 cccagtcacg acgttgtaaa acgtcttggc cttgcagatc caag	44
<210> 94 <211> 42 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 94 agcggataac aatttcacac aggccatcac accgcggtac tg	42
<210> 95 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Oligonucleotide primer	
<400> 95 ctccagctgg gcaggagtgc	20





					•
<210> 103 <211> 84 <212> DNA <213> Homo	sapien				
	acttctaatc aagtaacctt	gatccctgga	caggcaagga	atacaggtat	60 84
<210> 104 <211> 100 <212> DNA <213> Homo	sapien				
	gcatttgatt ctgtgggcat		tccagagctt	cctgcagtca	60 100
<210> 105 <211> 100 <212> DNA <213> Homo	sapien				
	gcatttgatt ctgtgggcat		tccagagctt	cctgcagtca	60 100
<210> 106 <211> 100 <212> DNA <213> Homo	sapien				
	cctgcaaggg cgggcatcgt		ccacccacta	ccagggcacg	60 100
<210> 107 <211> 100 <212> DNA <213> Homo	sapien				
	cctgcaaggg cgggcatcgt		ccacccacta	ccggggcacg	60 100
<210> 108 <211> 100 <212> DNA <213> Hom s	sapien				
	aatgcagcgg aacctgcaag		gagcttcagg	gcgtggtgcc	60 100
<210> 109 <211> 100 <212> DNA <213> Homo	sapien				
	aatgcagcgg aacctgcaag		gagcttcagg	gcttggtgcc	60 100
<210> 110 <211> 100 <212> DNA <213> Homo	sanjen				
~2±3> 1101110	Dapien				





<400> 110 ttgaagettt gggetaegtg gtgtggagee cegaaeteca			ctatgatcat	gagagtcgcc	60 100
<210> 111 <211> 100 <212> DNA <213> Homo sapien					
<400> 111 ttgaagcttt gggctacgtg gtgtggagcc ccgaactcca			ctatgatgat	gagagtcgcc	60 100
<210> 112 <211> 100 <212> DNA <213> Homo sapien					
<400> 112 ggataacett ggetgtacec caggeetgga teageeeete			tacgtgccag	gtggagcacc	60 100
<210> 113 <211> 100 <212> DNA <213> Homo sapien					
<400> 113 ggataacctt ggctgtaccc caggcctgga tcagcccctc			tacgtaccag	gtggagcacc	60 100
<210> 114 <211> 80 <212> DNA <213> Homo sapien					
<400> 114 tgaagcactt gaaggagaag ttgaggctga cacattcttc		gagccgattt	catcatcacg	cagcttttct	60 80
<210> 115 <211> 80 <212> DNA <213> Homo sapien					
<400> 115 tgaagcactt gaaggagaag ttgaggctga cacattcttc	gtgtctgcgg	gagtcgattt	catcatcacg	cagcttttct	60 80
<210> 116 <211> 80 <212> DNA <213> Homo sapien					
<400> 116 tccagatgaa gctcccagaa tcctacaccg gcggcccctg		tgctccccgc	gtggcccctg	caccagcagc	60 80
<210> 117 <211> 80 <212> DNA <213> Homo sapien					
<400> 117 tccagatgaa gctcccagaa tcctacaccg gcggcccctg		tgctccccc	gtggcccctg	caccagcagc	60 80





<210> 118
<211> 48
<212> DNA
<213> Artificial Sequence
<220>
<223> Hair pin structure
<400> 118
cagagagtac ccctcaaccg tgcatgcatg aaacatgcat gcacggtt